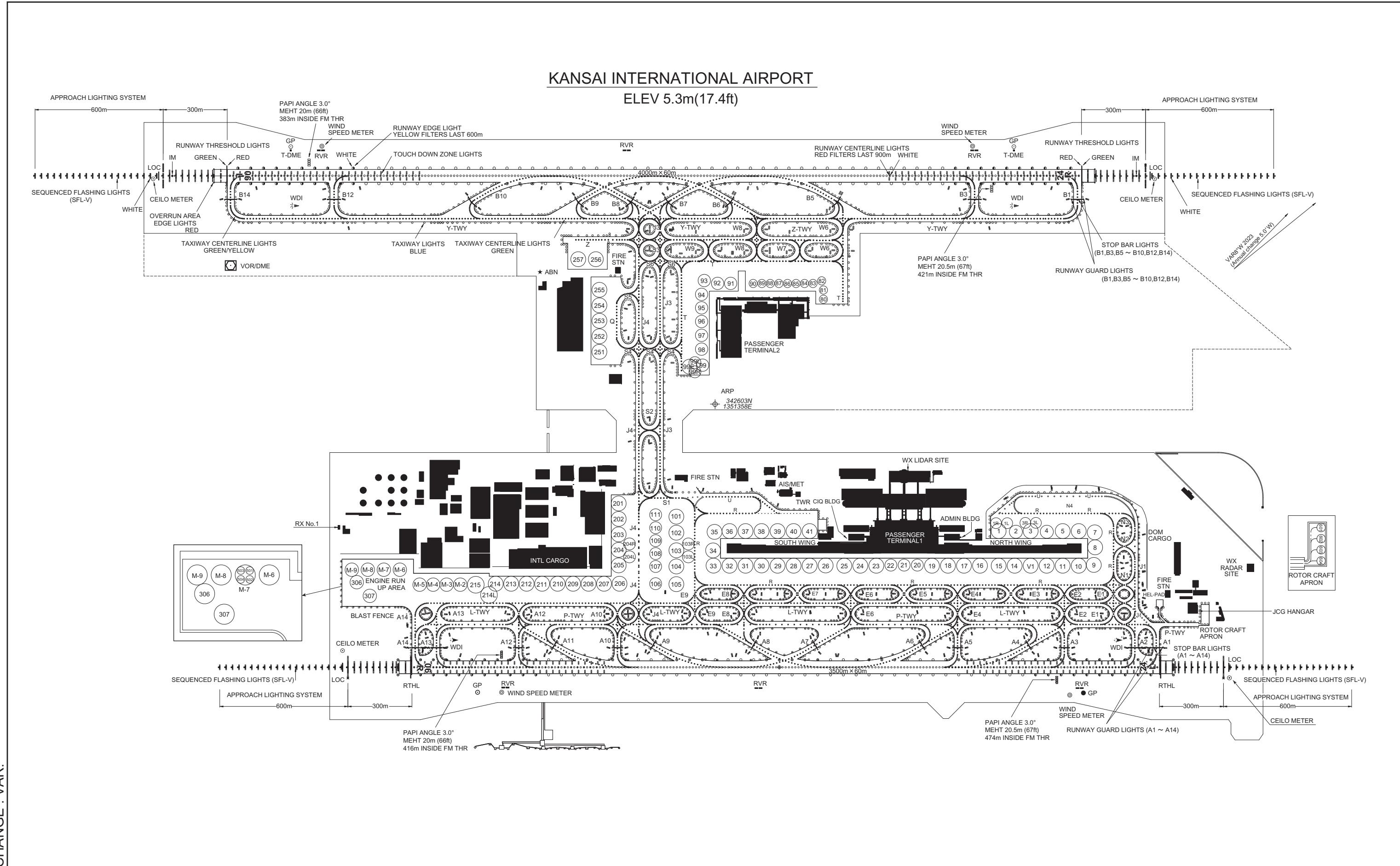
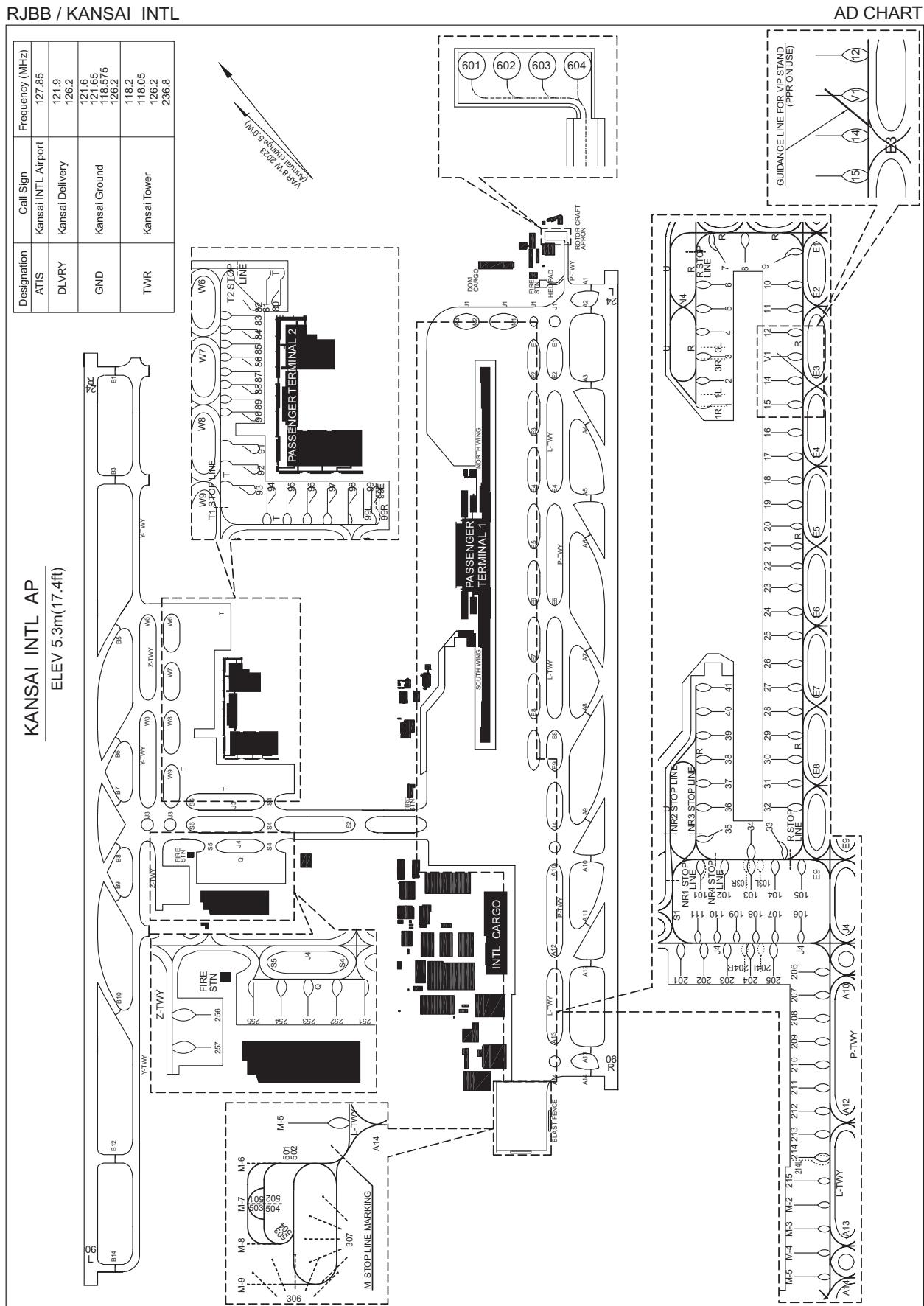


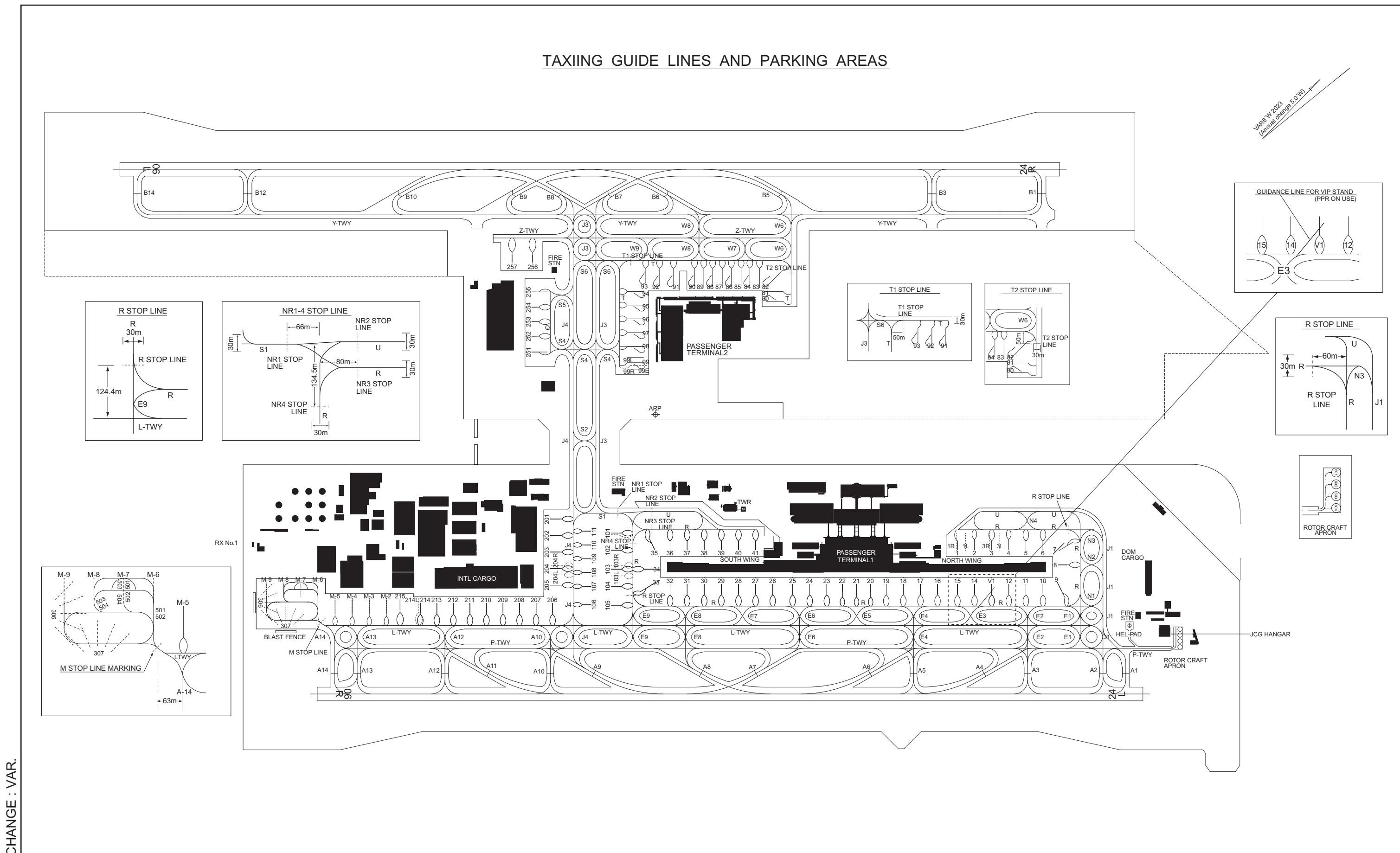
AERODROME CHART



CHANGE : VAR.

CHANGE : VAR.

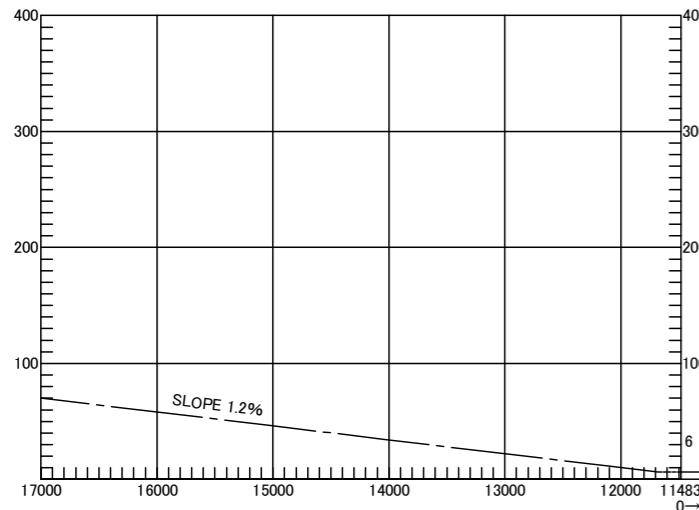




AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATIONAL LIMITATIONS)

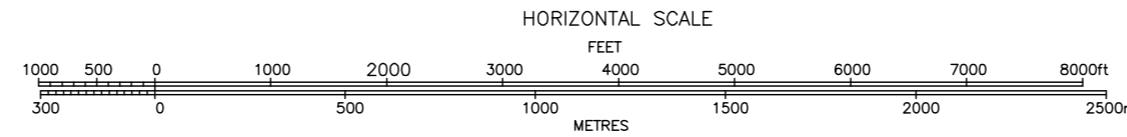
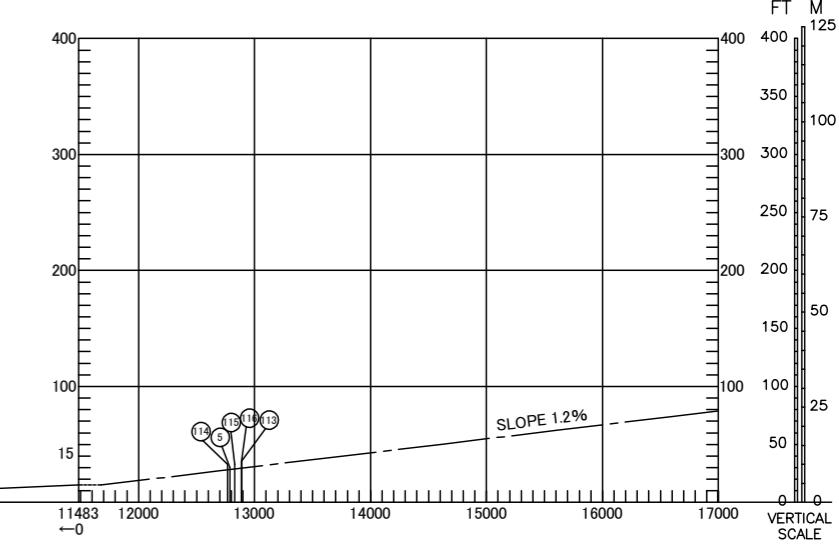
DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

MAGNETIC VARIATION 8° W-FEB 2022



KANSAI INTERNATIONAL AIRPORT
RWY : 06R/24L

DECLARED DISTANCES	
RWY 06R	RWY 24L
TAKE OFF RUN AVAILABLE	3500m
TAKE OFF DISTANCE AVAILABLE	3500m
ACCELERATE STOP DISTANCE AVAILABLE	3500m
LANDING DISTANCE AVAILABLE	3500m



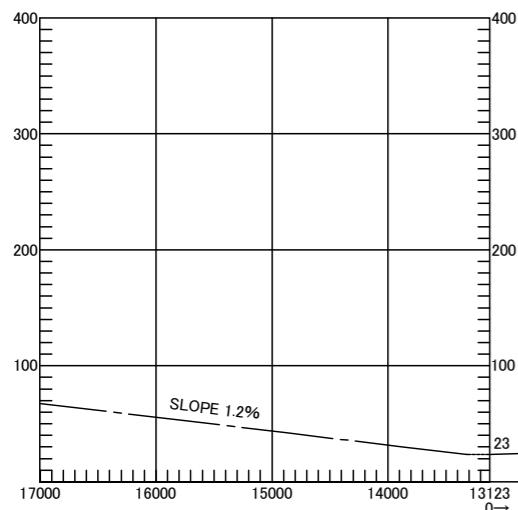
LEGEND		AMENDMENT RECORD		
Nr	DATE	ENTERED BY		
①	IDENTIFICATION NUMBER			
◎	POLE, TOWER, SPIRE, ANTENNA, ETC			
*	TREE	LEVEE		
—	RAILROAD	RIVER		
—	TRANSMISSION LINE OR OVERHEAD CABLE			
▲	TRIANGULATION POINT			
★	AERONAUTICAL GROUND LIGHT			

CHANGE : Update.

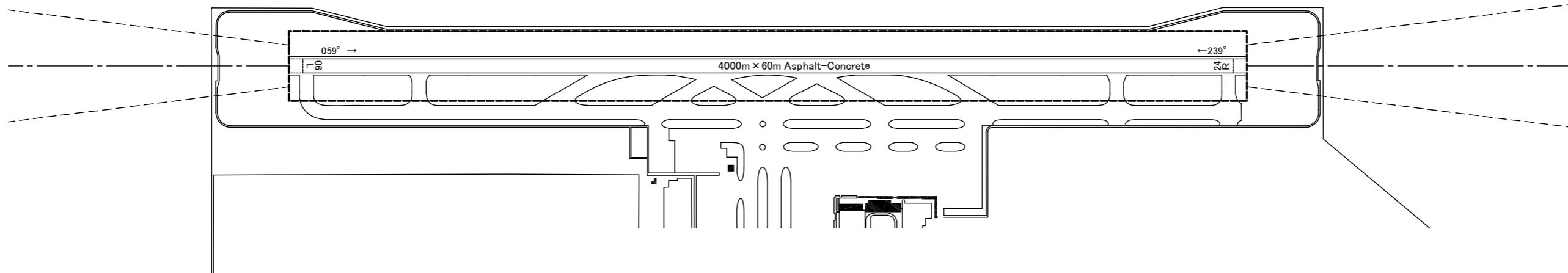
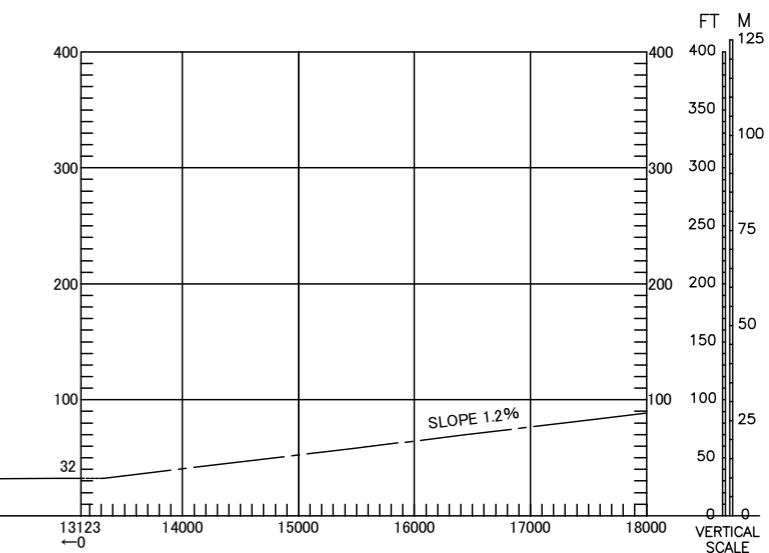
DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATIONAL LIMITATIONS)

MAGNETIC VARIATION 8°W-FEB 2022



KANSAI INTERNATIONAL AIRPORT RWY : 06L/24R	
DECLARED DISTANCES	
RWY 06L	RWY 24R
TAKE OFF RUN AVAILABLE	4000m
TAKE OFF DISTANCE AVAILABLE	4000m
ACCELERATE STOP DISTANCE AVAILABLE	4000m
LANDING DISTANCE AVAILABLE	4000m



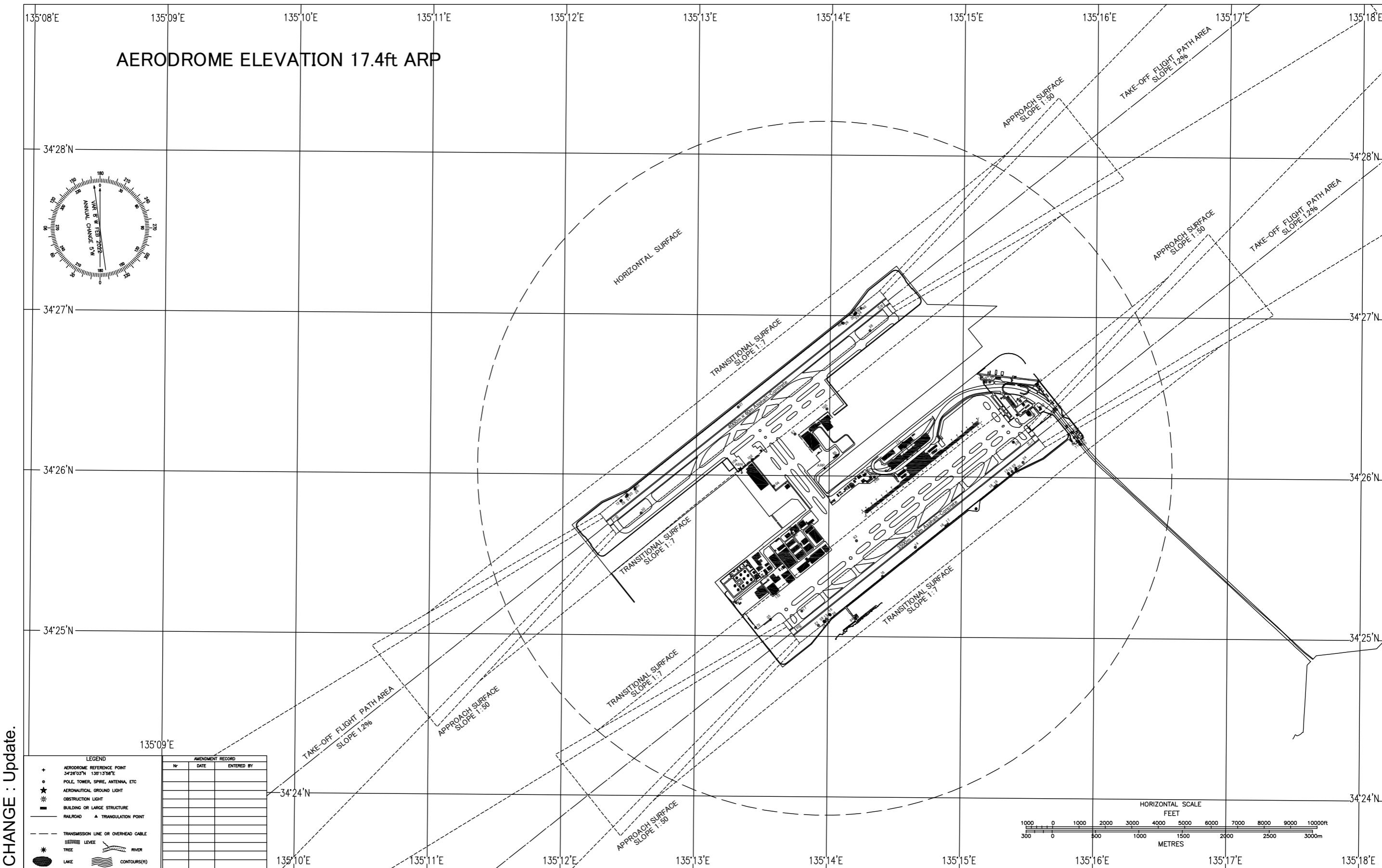
LEGEND		AMENDMENT RECORD		
Nr	DATE	ENTERED BY		
①	IDENTIFICATION NUMBER			
◎	POLE, TOWER, SPIRE, ANTENNA, ETC			
*	TREE	LEVEE		
—	RAILROAD	RIVER		
—	TRANSMISSION LINE OR OVERHEAD CABLE			
▲	TRIANGULATION POINT			
★	AERONAUTICAL GROUND LIGHT			

CHANGE : Update.

AERODROME OBSTRUCTION CHART TYPE B

DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETICS

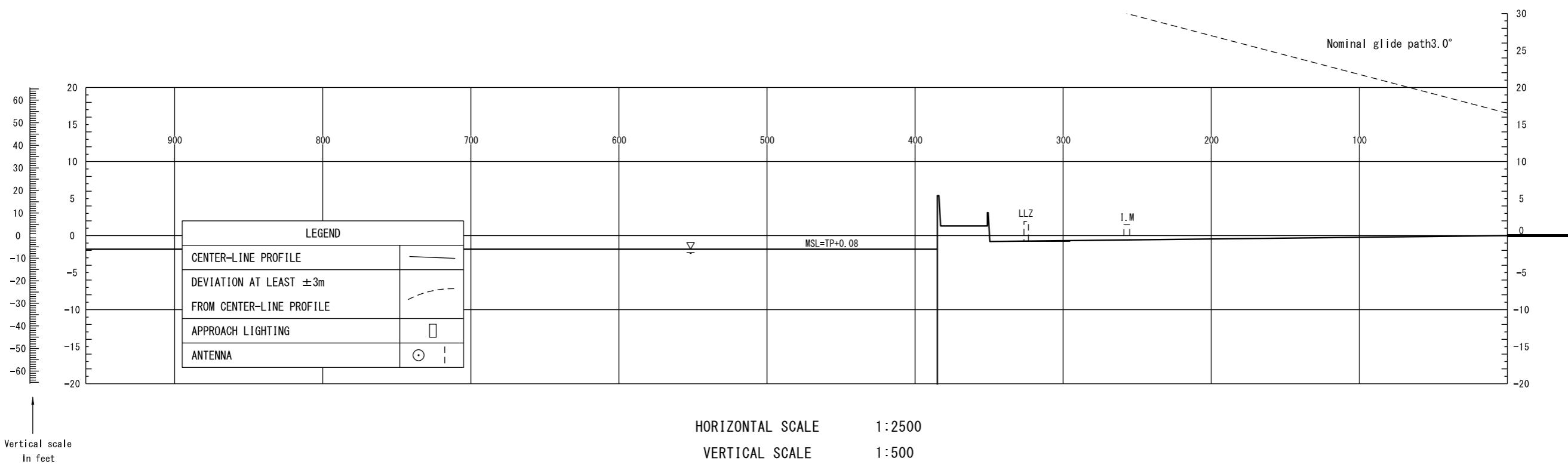
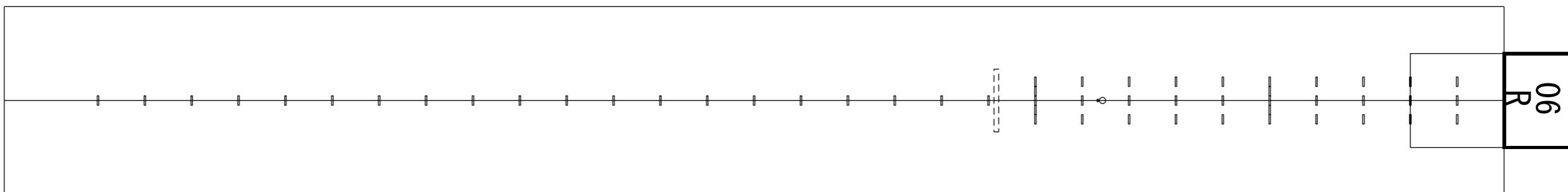
135°08'E 135°09'E 135°10'E 135°11'E
AERODROME ELEVATION 17.4ft ARP



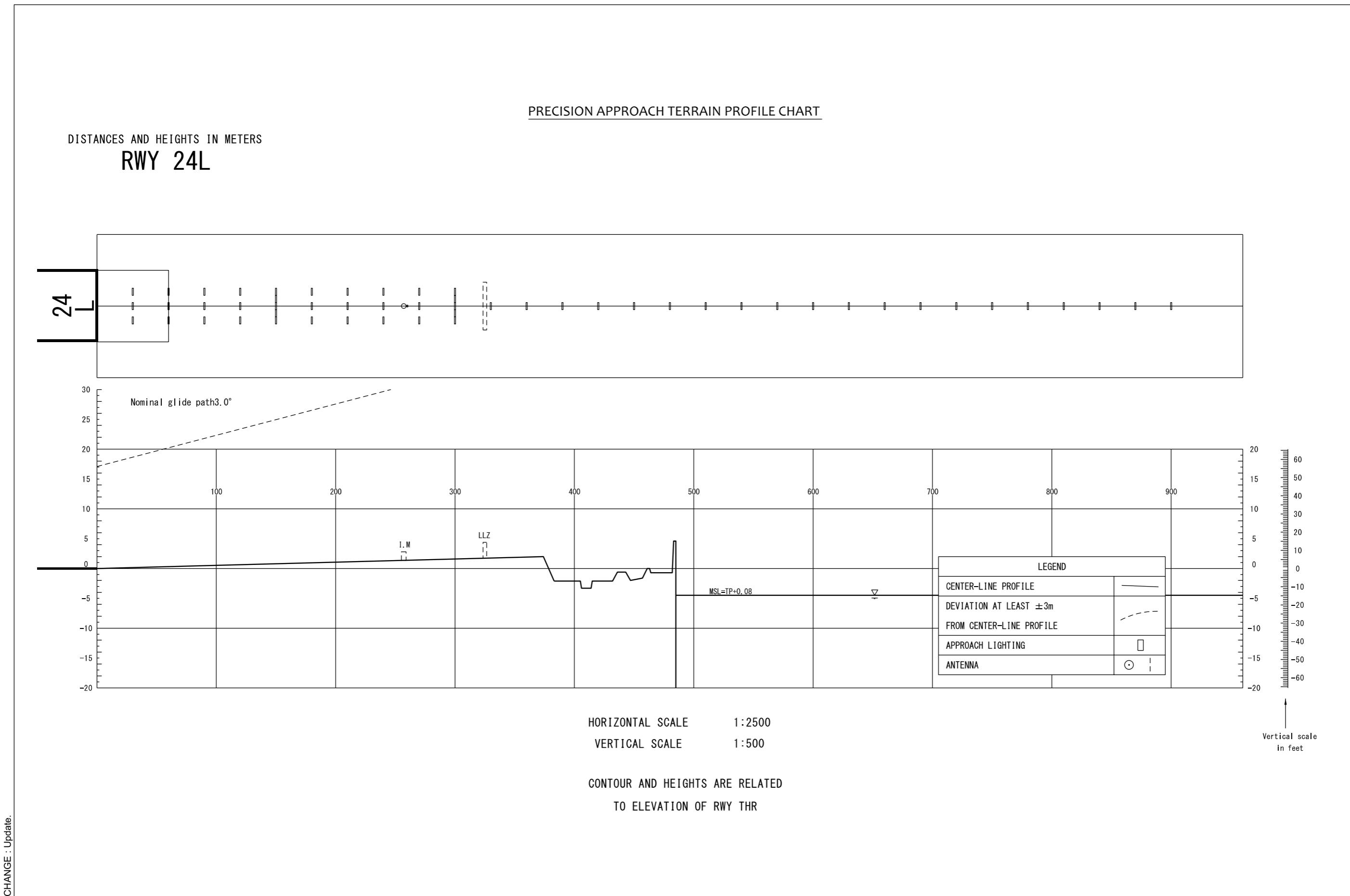
PRECISION APPROACH TERRAIN PROFILE CHART

DISTANCES AND HEIGHTS IN METERS

RWY 06R



CHANGE : Update.



PRECISION APPROACH TERRAIN PROFILE CHART

DISTANCES AND HEIGHTS IN METERS

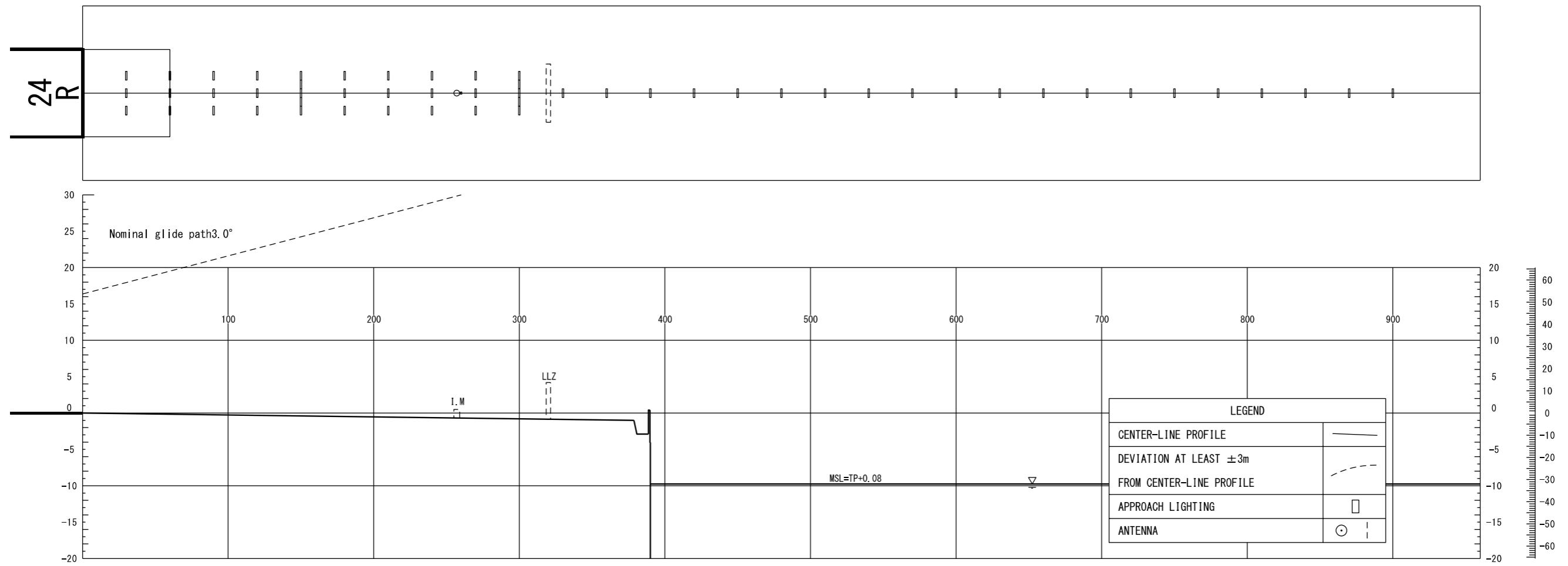
RWY 06L



PRECISION APPROACH TERRAIN PROFILE CHART

DISTANCES AND HEIGHTS IN METERS

RWY 24R



HORIZONTAL SCALE 1:2500

VERTICAL SCALE 1:500

CONTOUR AND HEIGHTS ARE RELATED
TO ELEVATION OF RWY THR

CHANGE : Update.

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,...

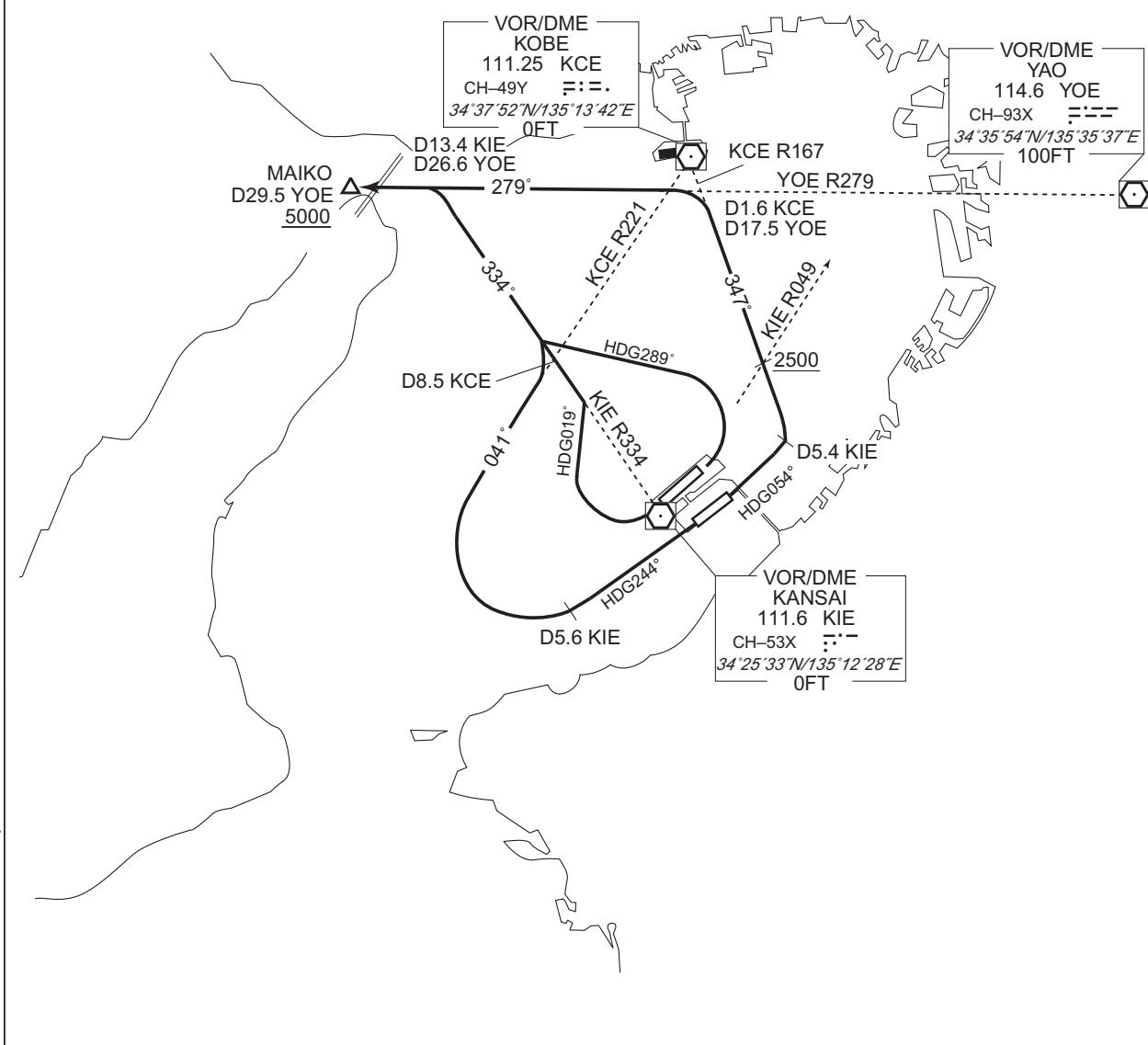
RWY06L : Turn left, climb on HDG289° to intercept and proceed via KIE R334, via YOE R279 to MAIKO,...

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

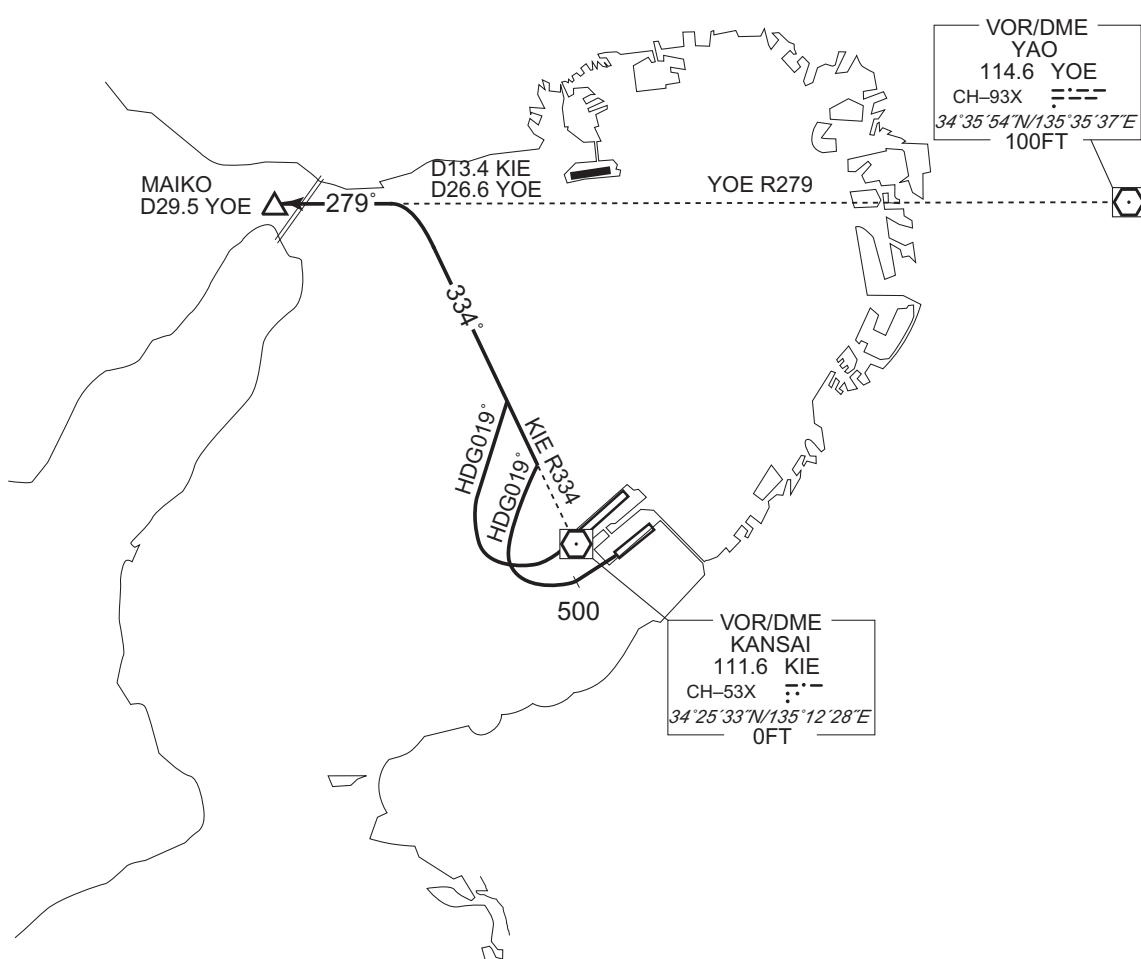
SID

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.

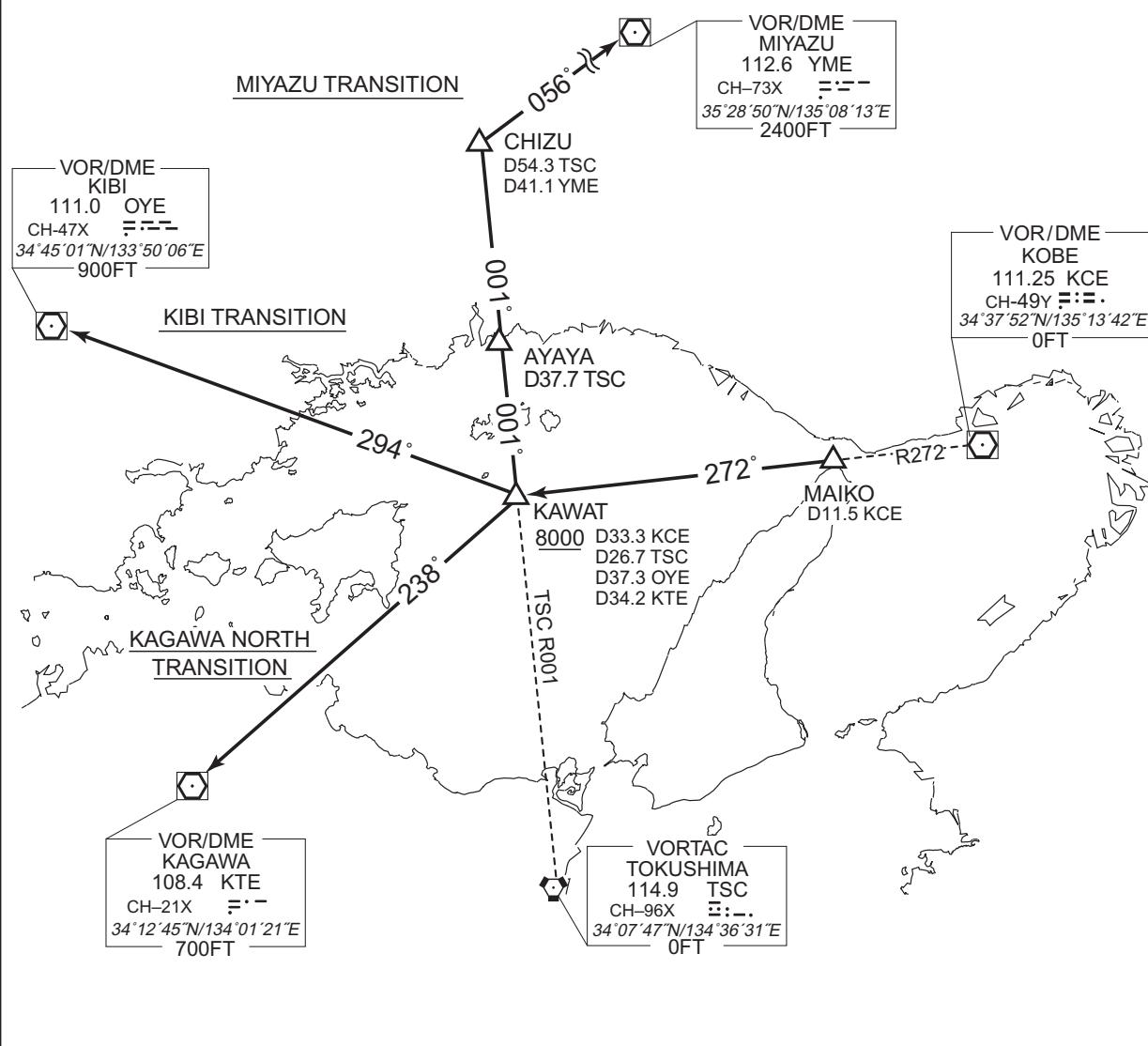
KIBI TRANSITION

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.



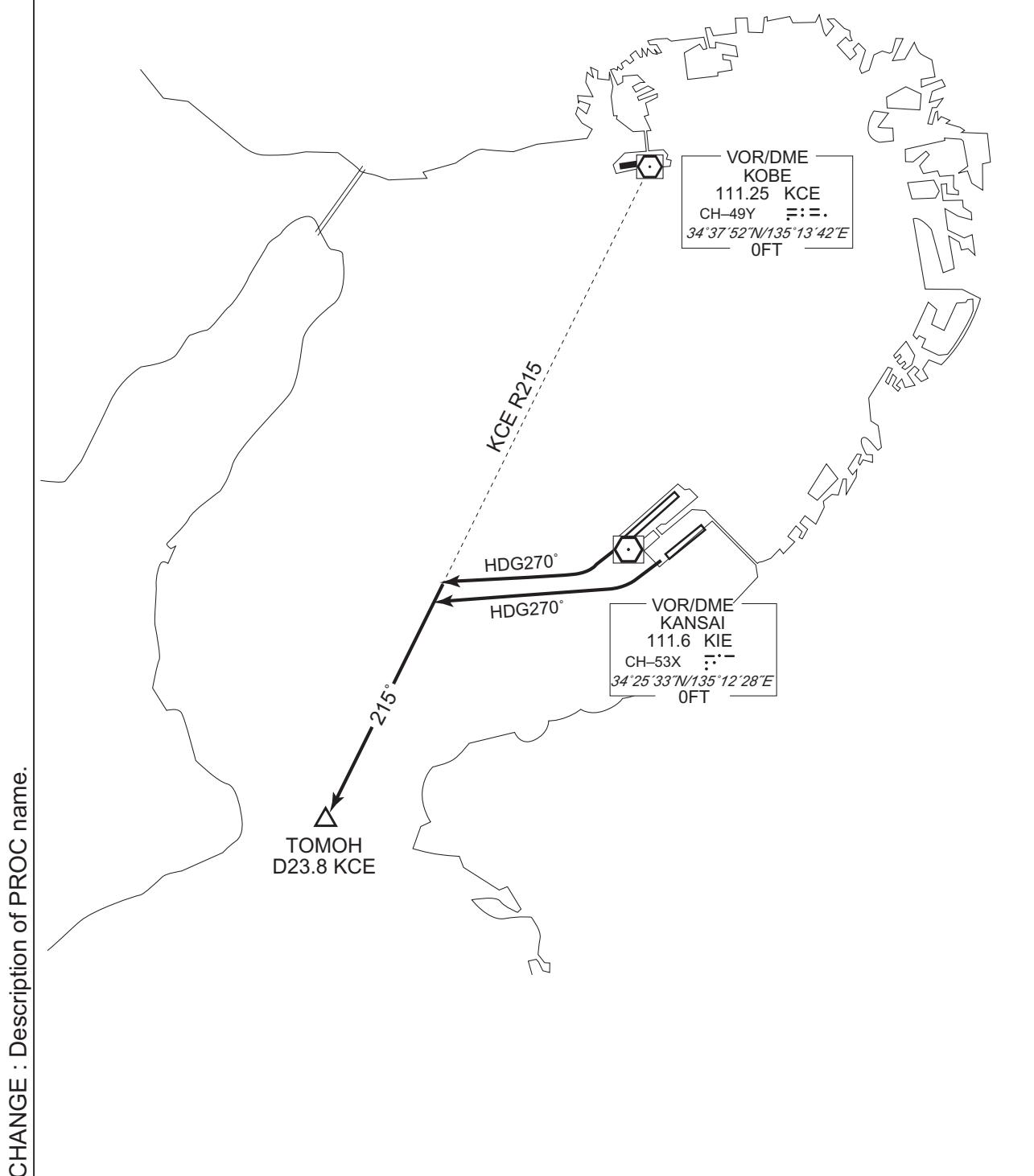
STANDARD DEPARTURE CHART-INSTRUMENT

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.

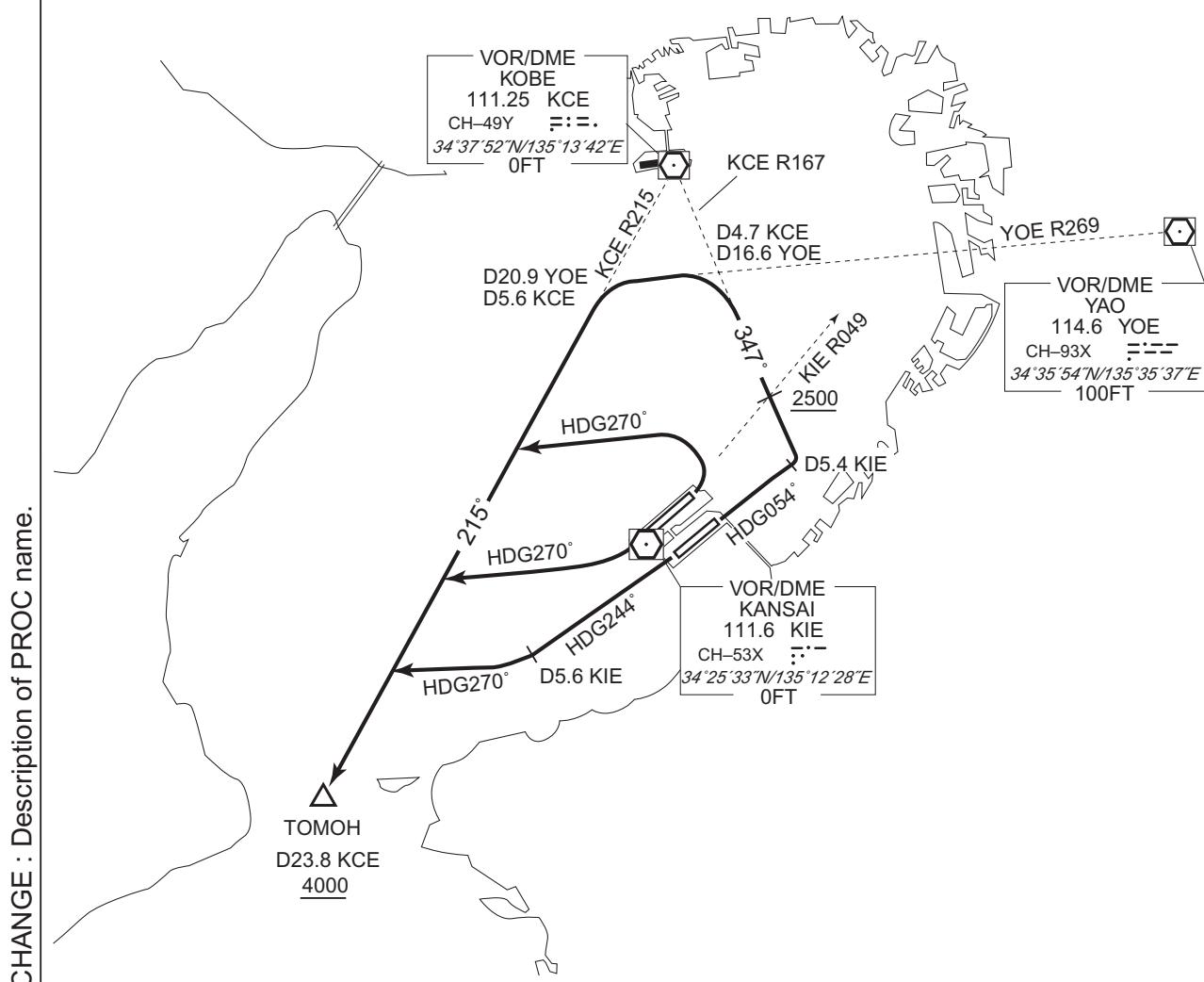
Cross KIE R049 at or above 2500FT. ...

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.

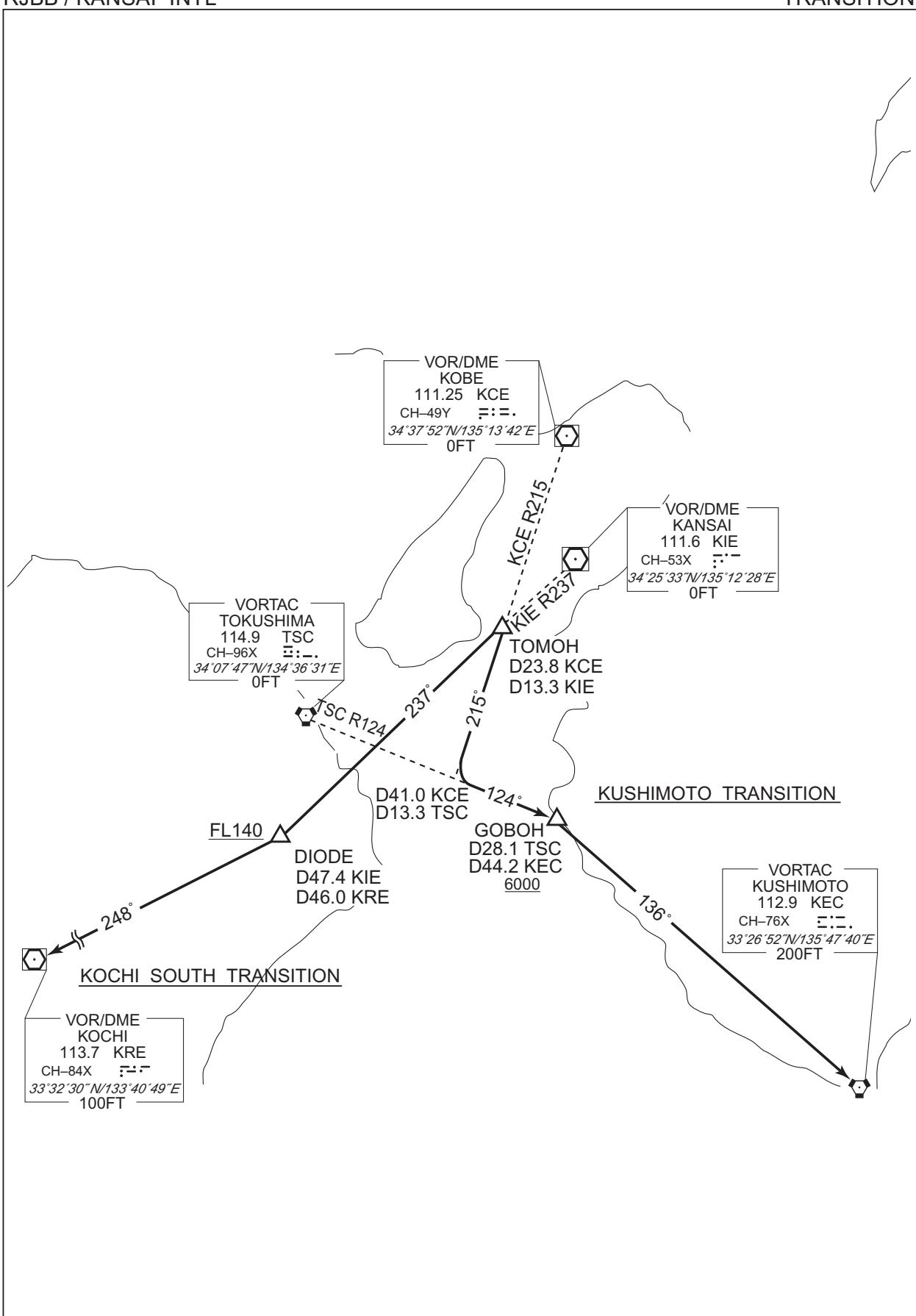
Cross GOBOH at or above 6000FT.

STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

TRANSITION

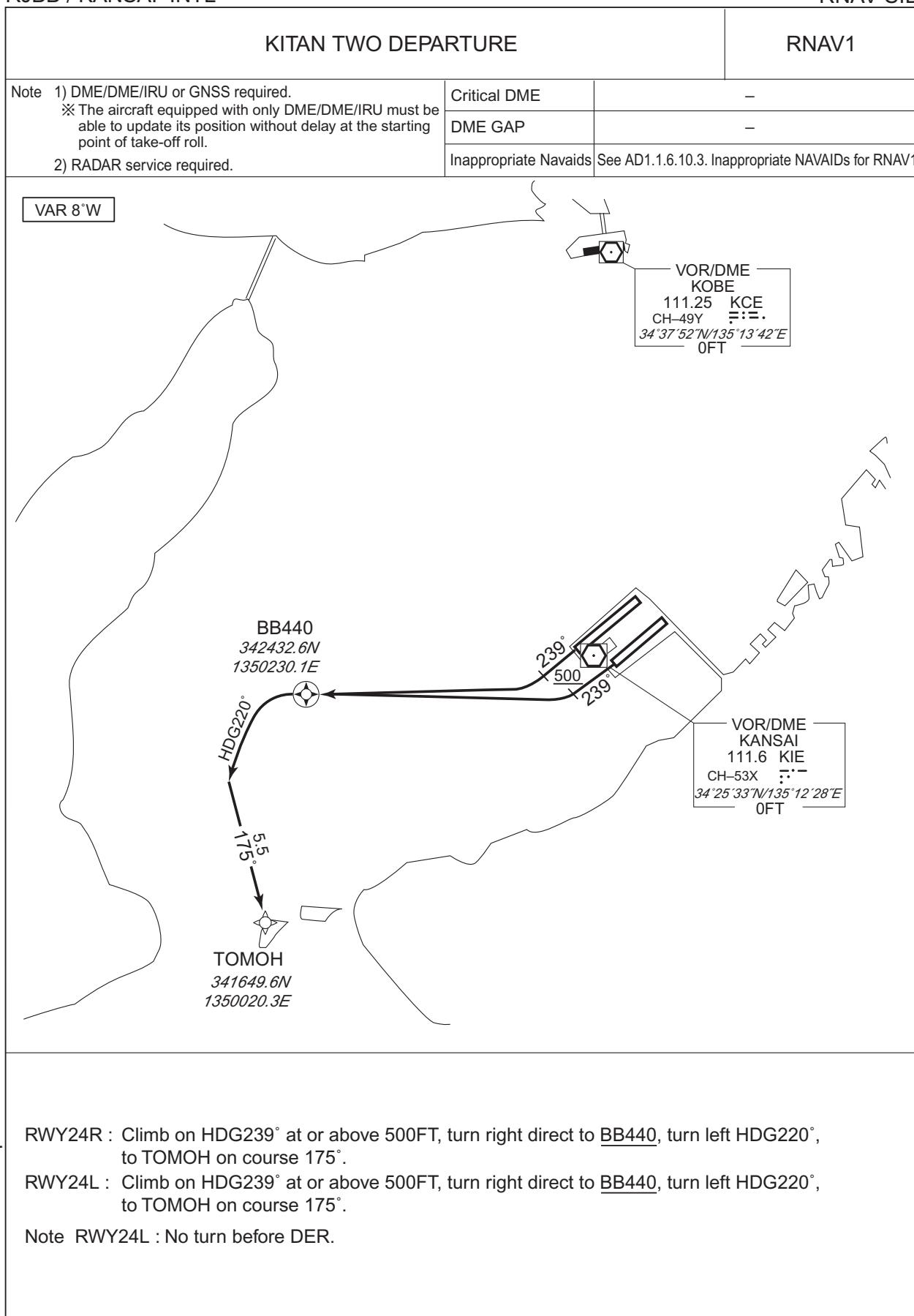
CHANGE : Correction of misdescription(ALT restriction at DIODE).



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

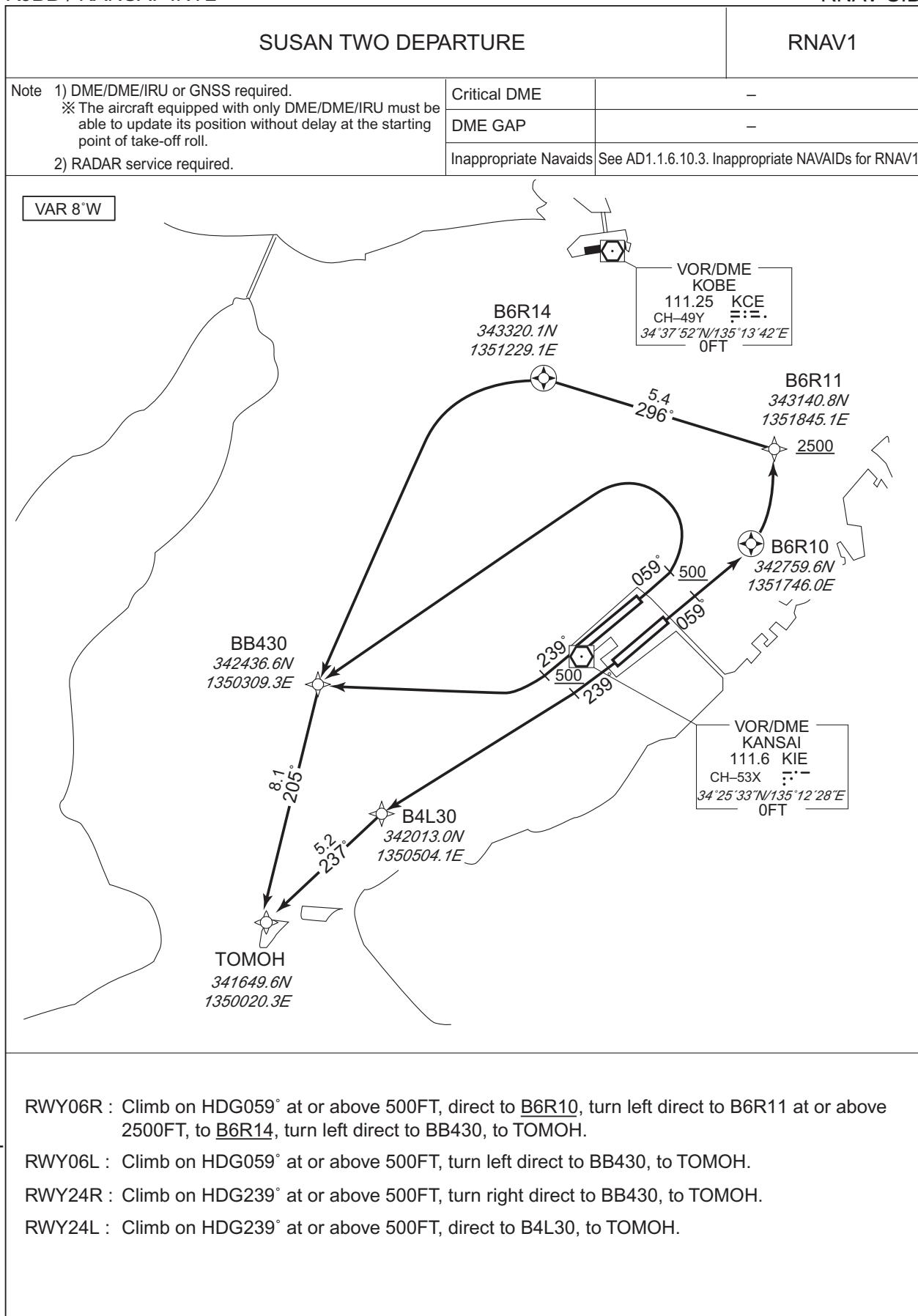
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	BB440	Y	—	-7.9	—	R	—	—	—	RNAV1
003	VI	—	—	220 (211.8)	-7.9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

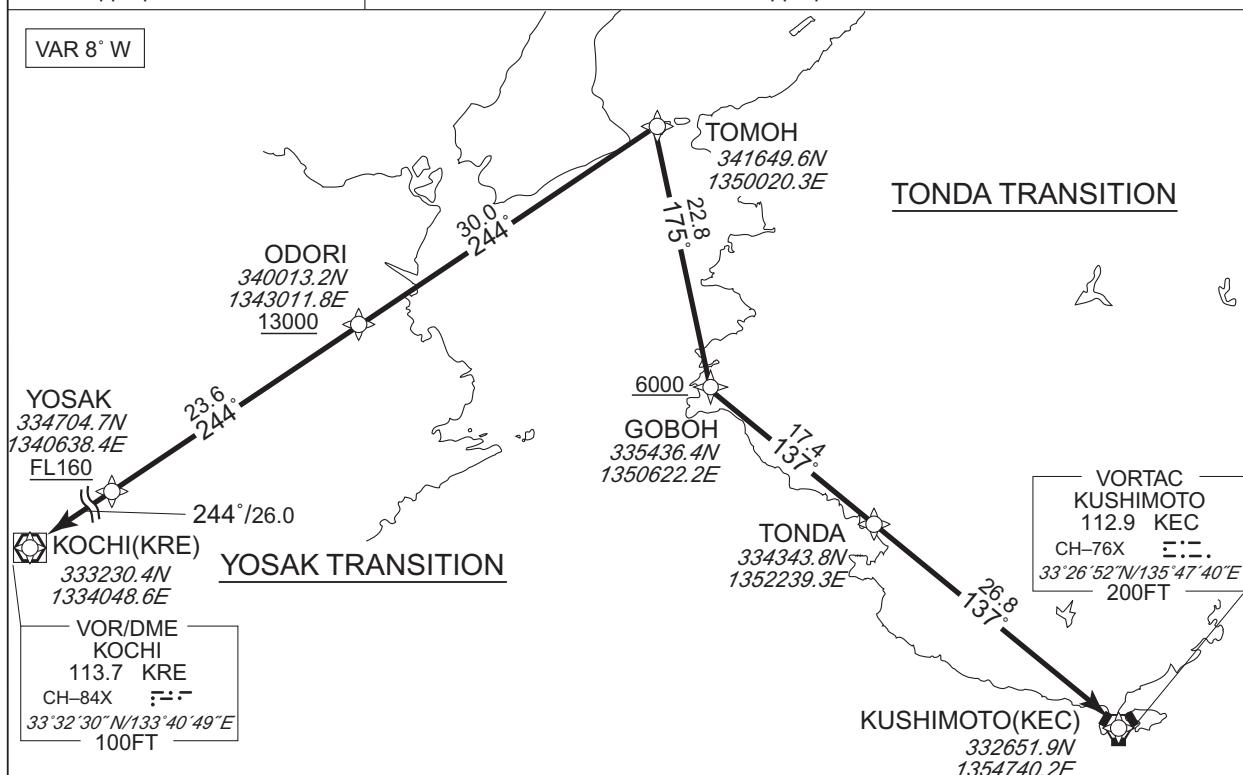
RNAV1

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

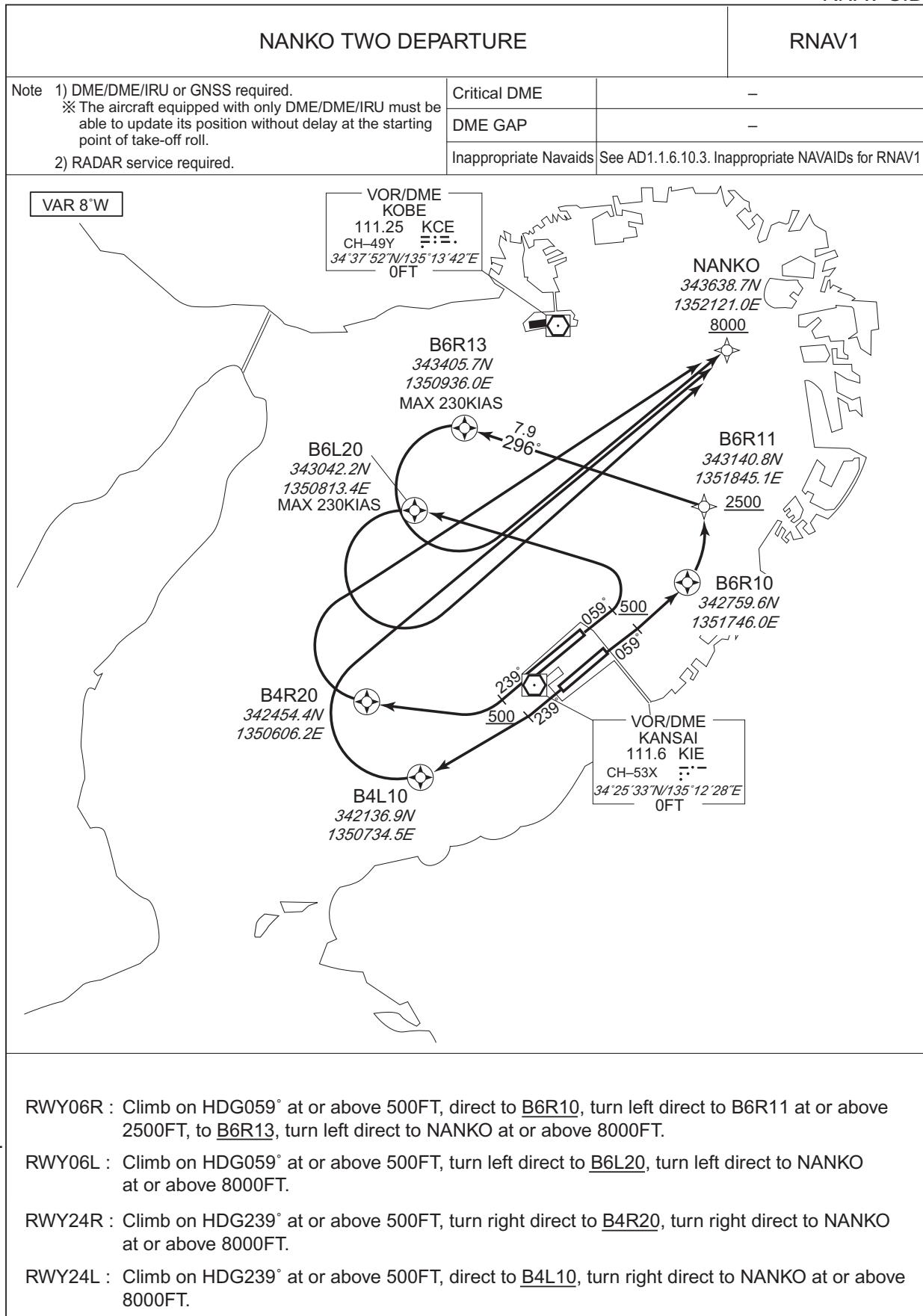
BAMBI TRANSITION / SHTLE TRANSITION / UENOH TRANSITION		RNAV1																																																																																																																																																																																														
Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required.																																																																																																																																																																																																
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1																																																																																																																																																																																															
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<p>BAMBI TRANSITION From ISPUM, to NARAH. From NARAH, to YAGYU. SHTLE TRANSITION From YAGYU, to SHTLE. UENOH TRANSITION 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 colspan="2"></td><td>—</td></tr> <tr> <td colspan="2"></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 colspan="2"></td><td>—</td></tr> <tr> <td colspan="2"></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 colspan="2"></td><td>—</td></tr> <tr> <td colspan="2"></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>UENOH</td> <td>—</td> <td>061 (052.8)</td> <td>-7.9</td> <td>33.5</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> <tr> <td>004</td> <td>TF</td> <td>GUJYO</td> <td>—</td> <td>036 (028.5)</td> <td>-7.9</td> <td>36.1</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> </tbody> </table>	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		—			—			—	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		—			—			—	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	UENOH	—	061 (052.8)	-7.9	33.5	—	—	—	—	RNAV1	004	TF	GUJYO	—	036 (028.5)	-7.9	36.1	—	—	—	—	RNAV1
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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

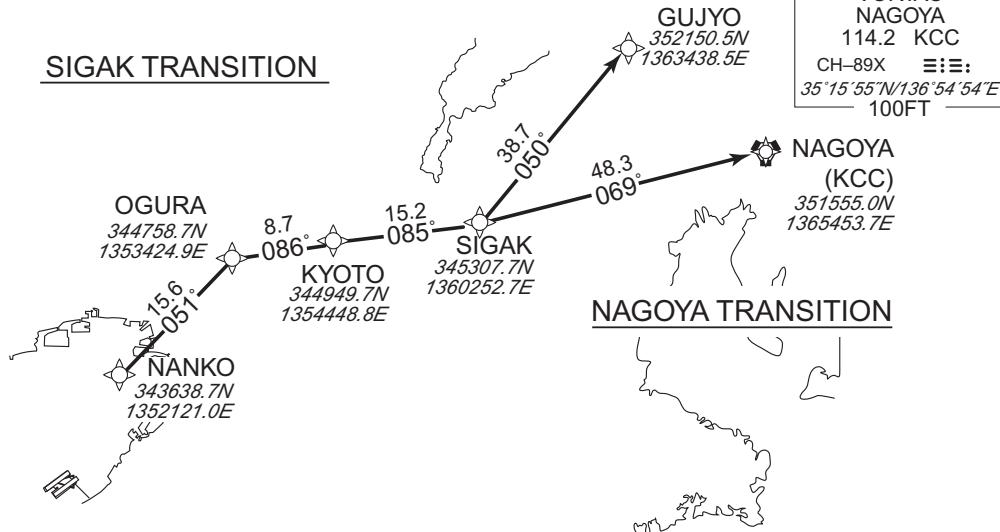
Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required.

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

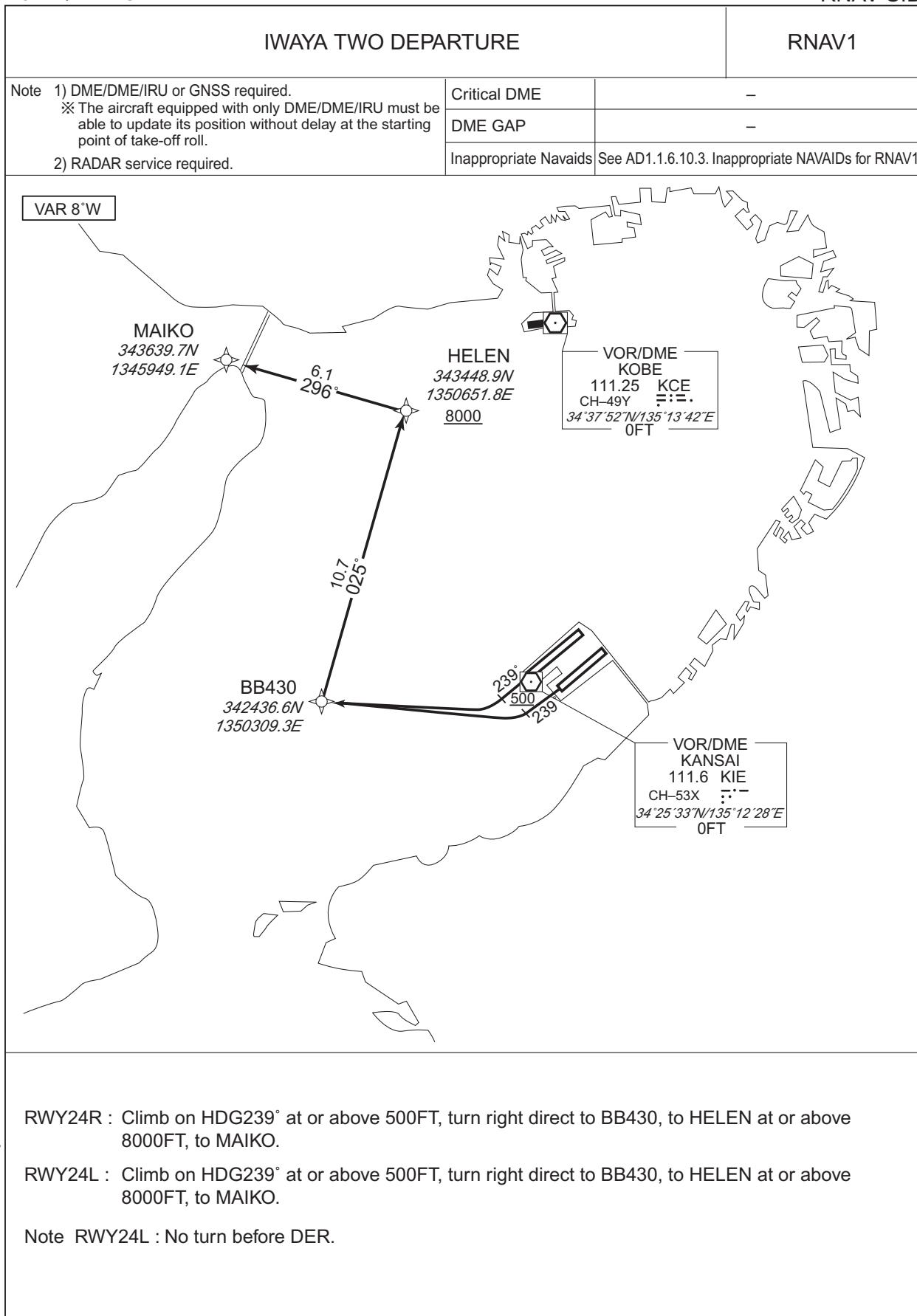
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B4L10	Y	—	-7.9	—	—	—	—	—	RNAV1
003	DF	BB430	—	—	-7.9	—	R	—	-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

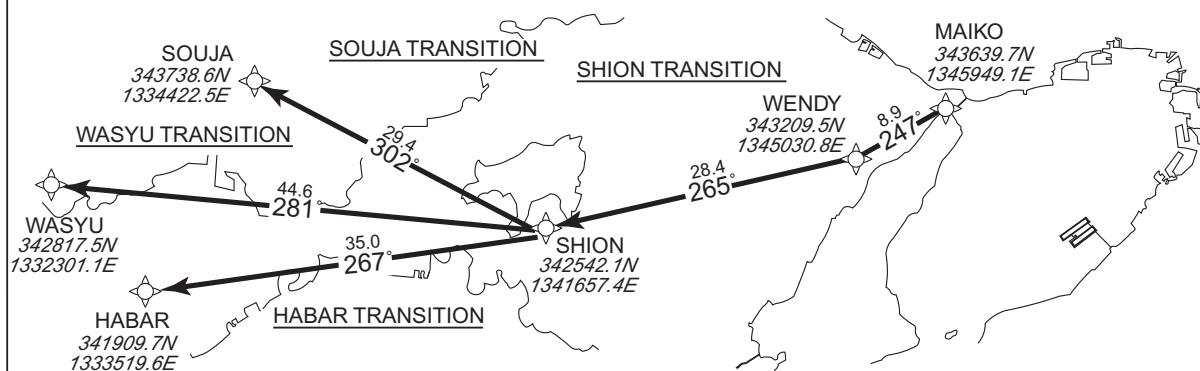
RNAV1

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.

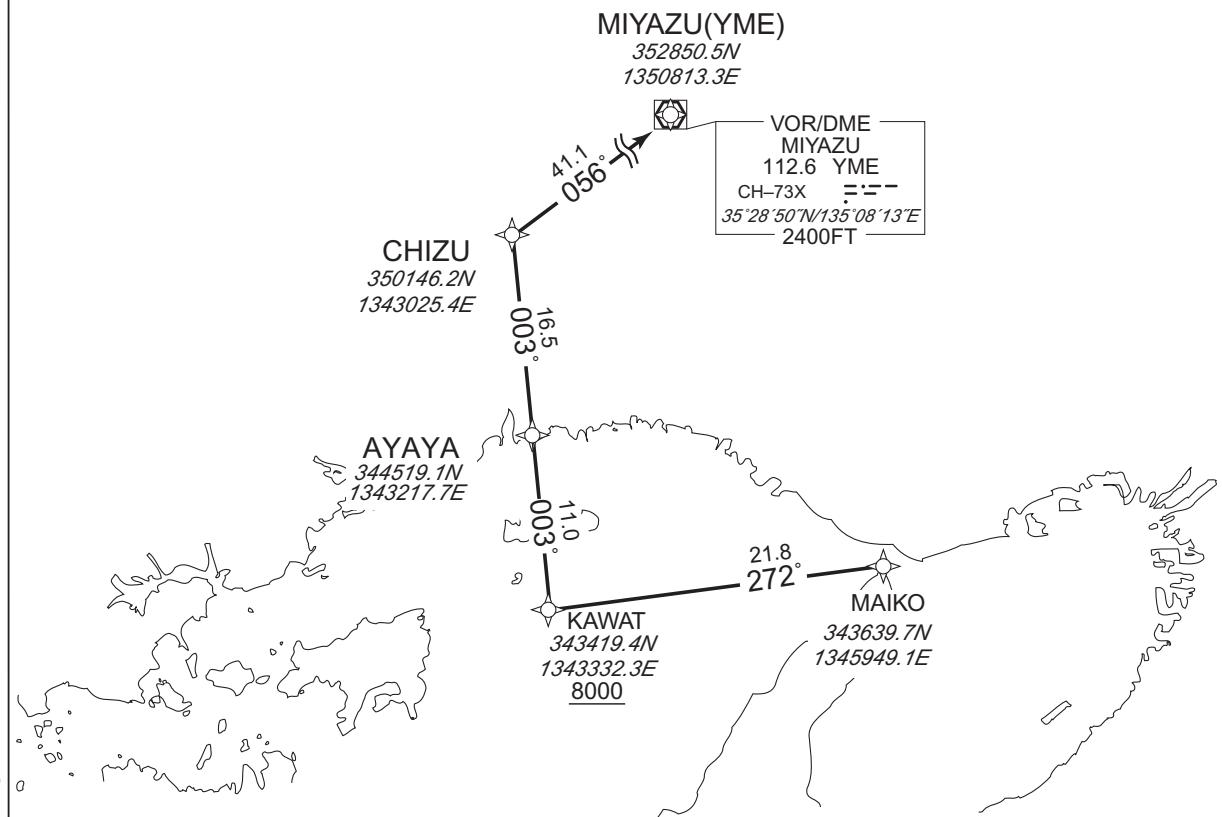
STANDARD DEPARTURE CHART - INSTRUMENT

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

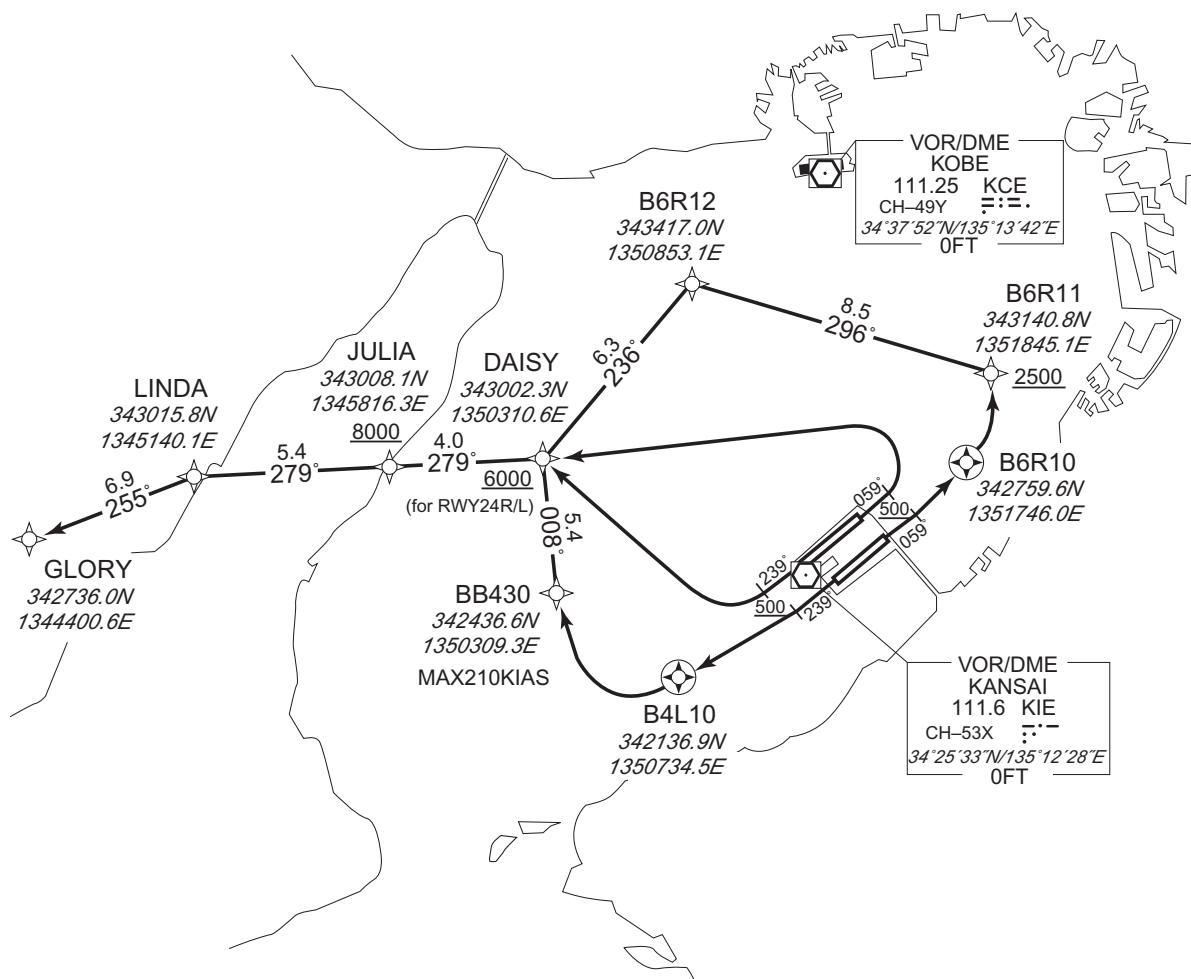
RNAV SID

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

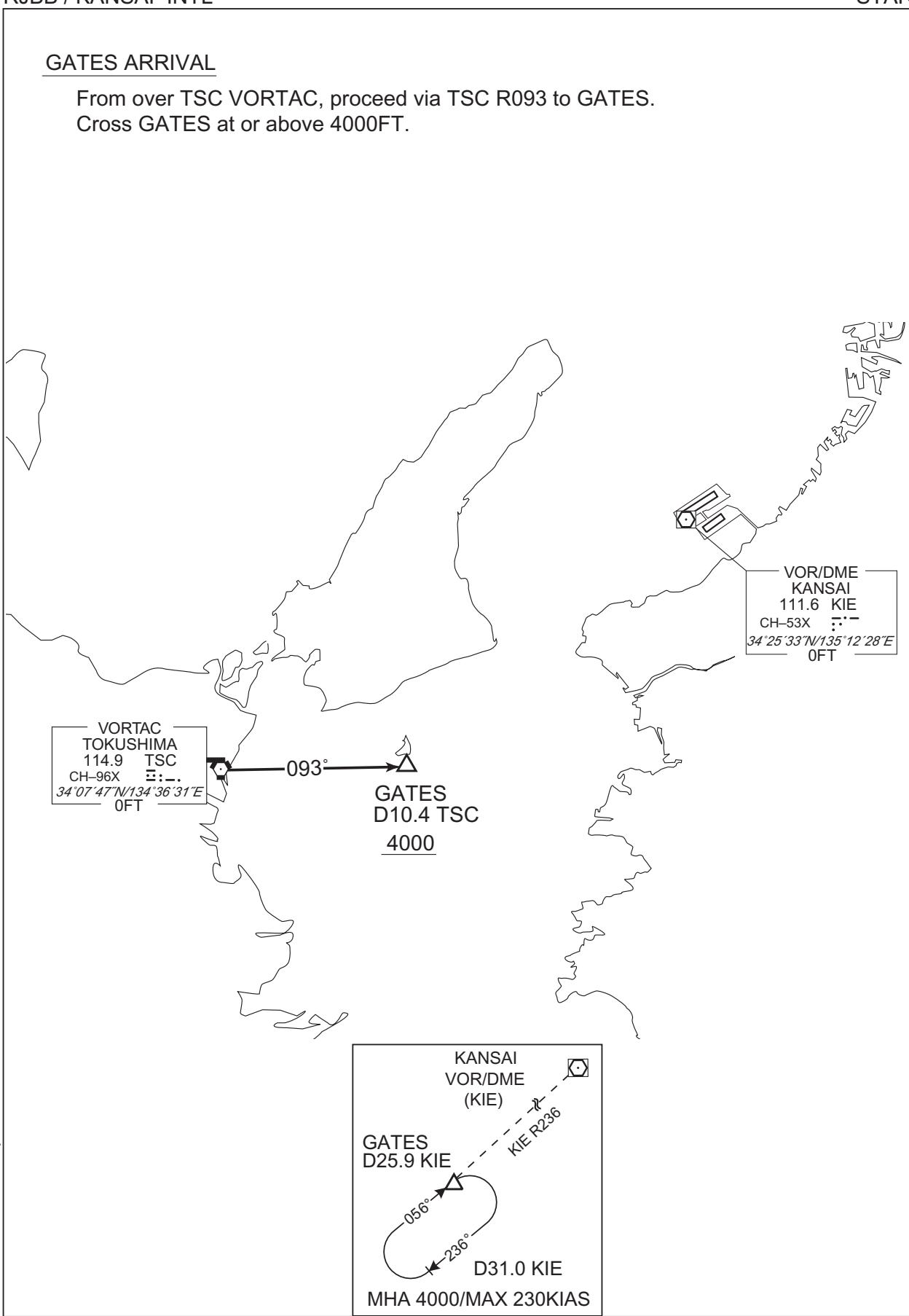
RJBB / KANSAI INTL

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

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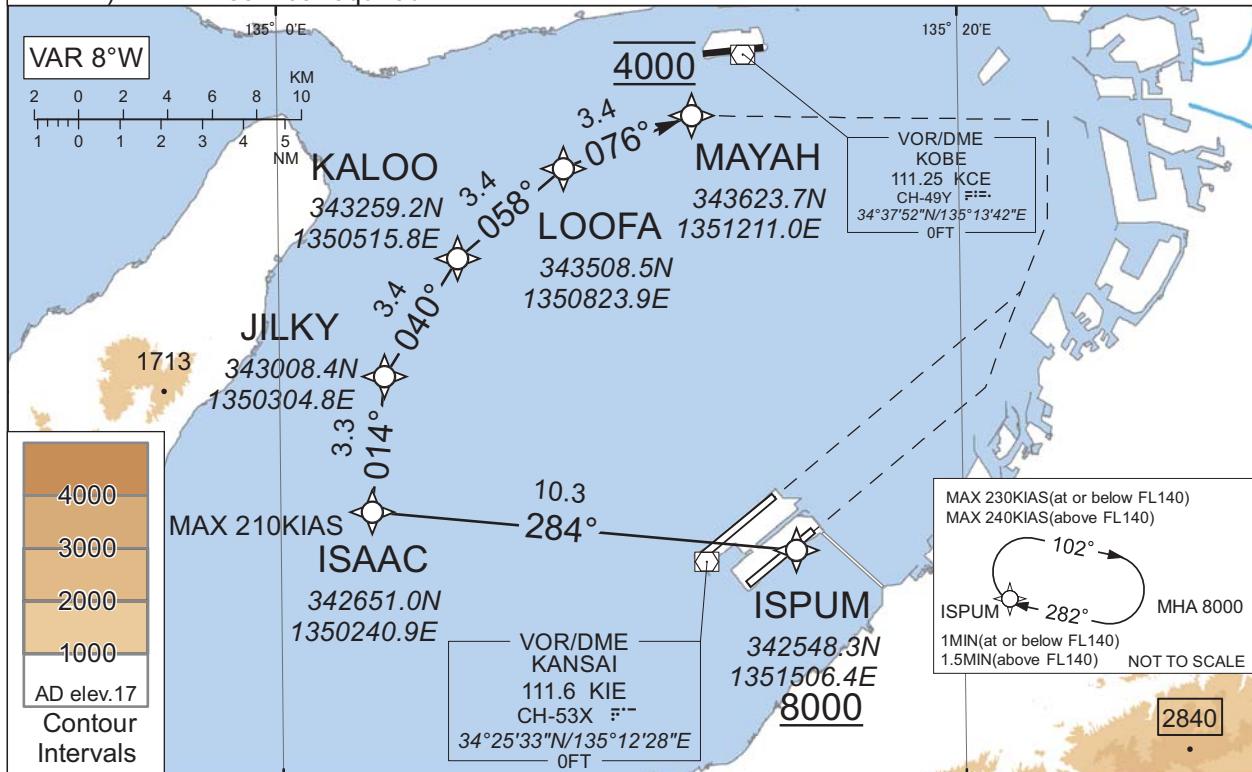
RNAV STAR RWY24R/24L

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

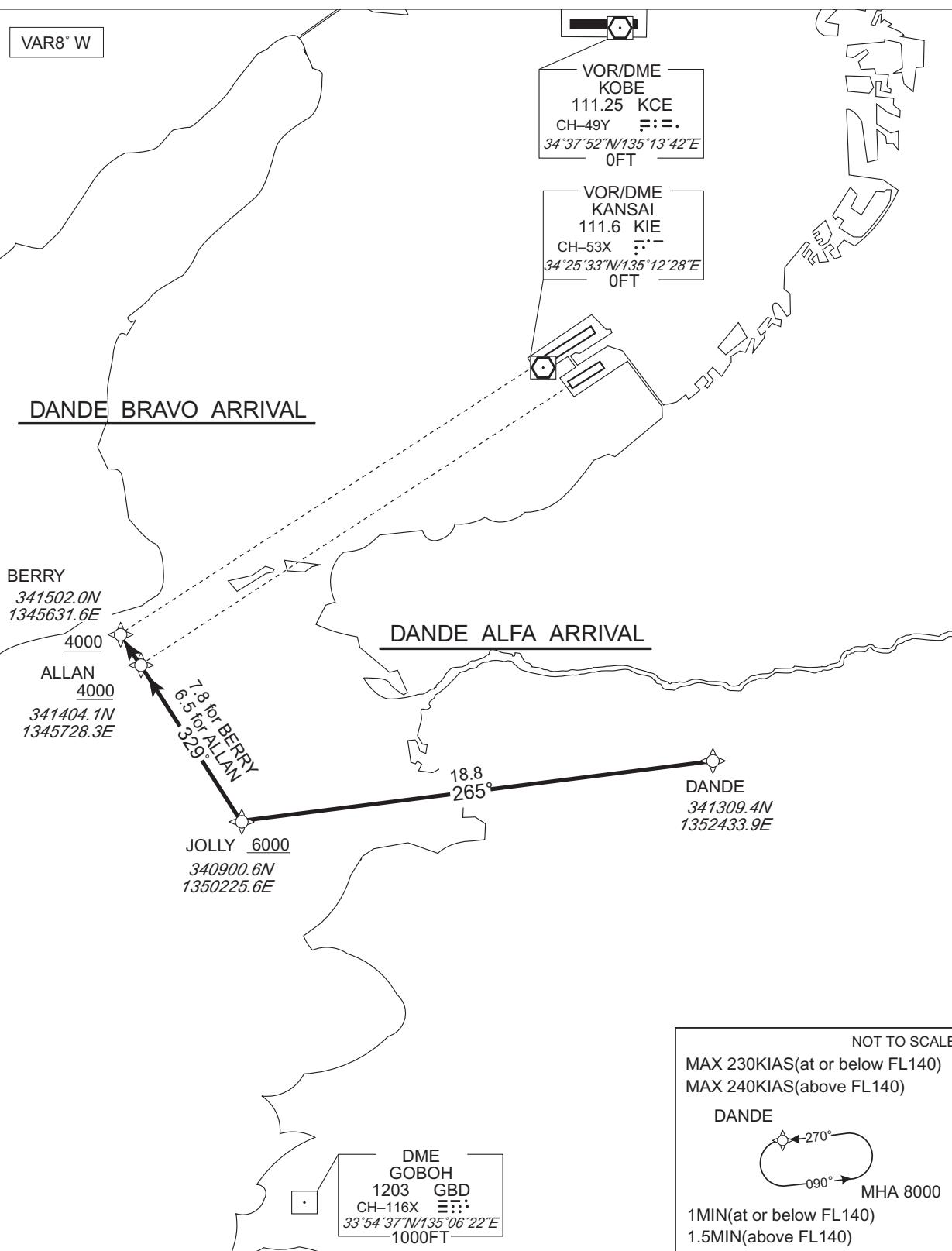
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RNAV STAR RWY06L/06R

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

BERRY
 4000

ALLAN
 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

BECKY
 $33^{\circ}55'09.0''N$
 $134^{\circ}30'30.6''E$

CANDY
 $33^{\circ}52'29.8''N$
 $134^{\circ}55'41.8''E$

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

ALISA CHARLIE ARRIVAL BECKY CHARLIE ARRIVAL CANDY CHARLIE ARRIVAL	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)
ALISA MHA 10000 1MIN(at or below FL140) 1.5MIN(above FL140)	BECKY MHA 8000 1MIN(at or below FL140) 1.5MIN(above FL140)	CANDY MHA 9000 1MIN(at or below FL140) 1.5MIN(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

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

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

CHANGE : Description of VAR.

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

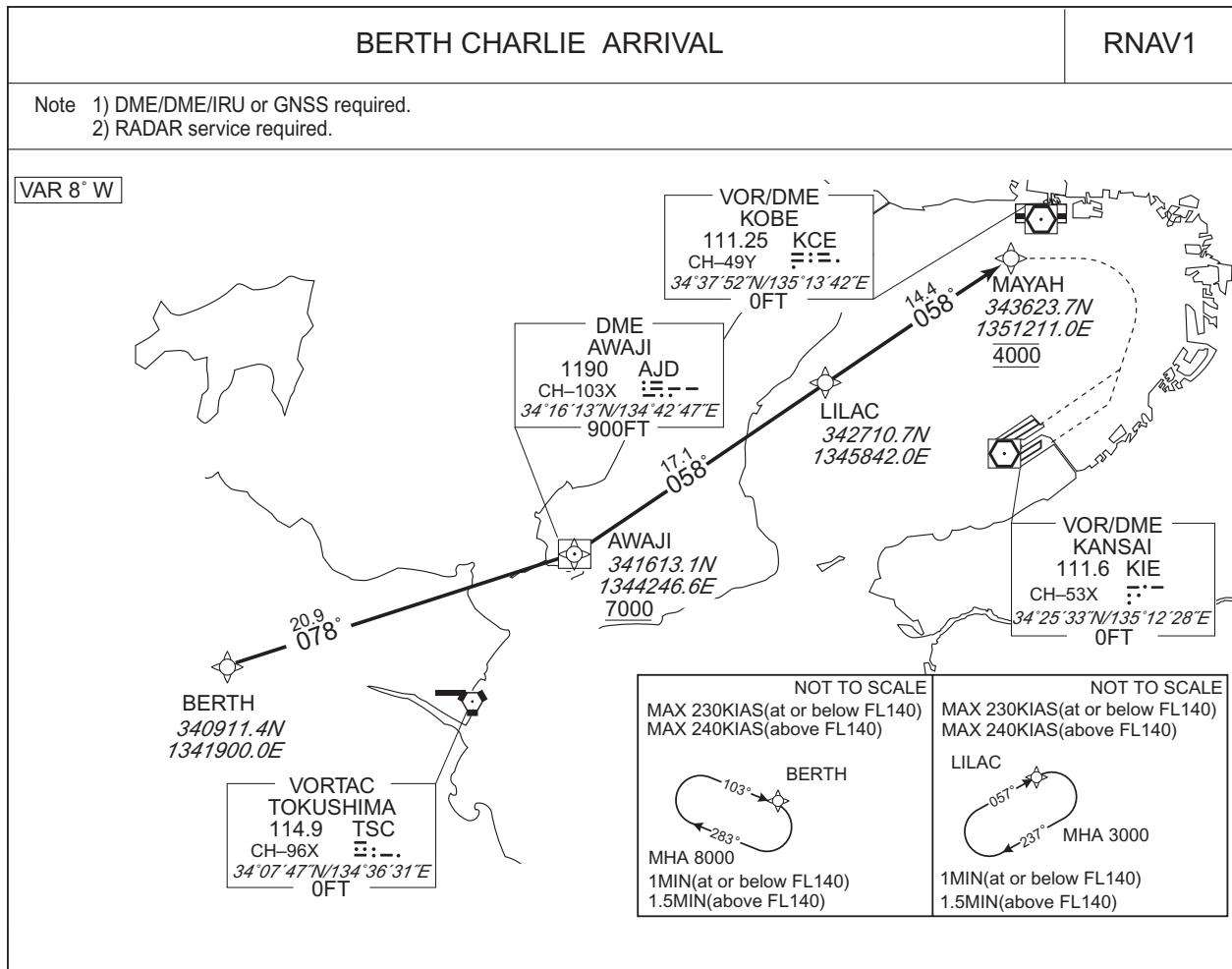
Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	BERTH	103 (095.4)	-8.0	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1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

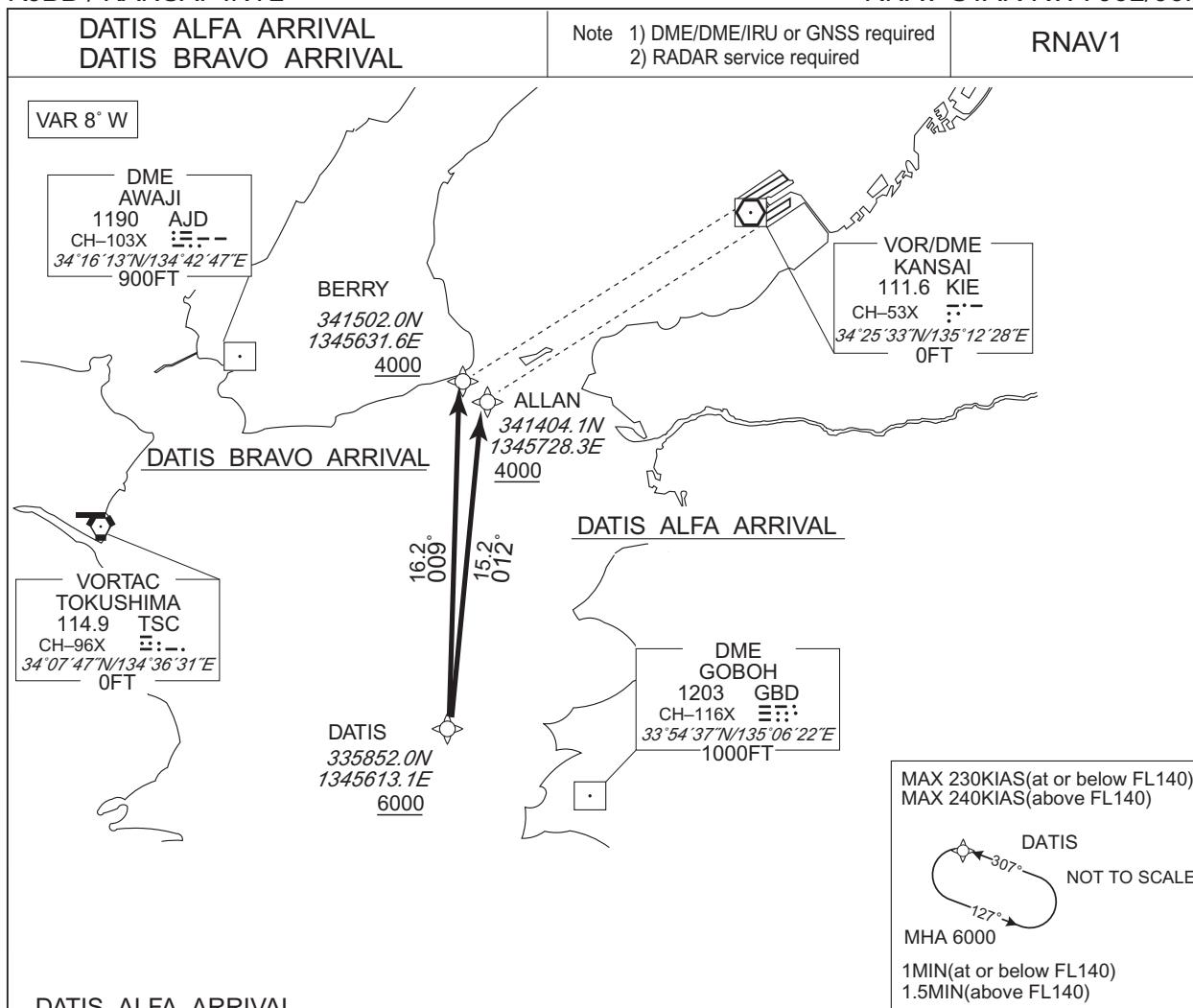
CHANGE : Critical DME.

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

DATIS ALFA ARRIVAL

From 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	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

CHANGE : Description of VAR.

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

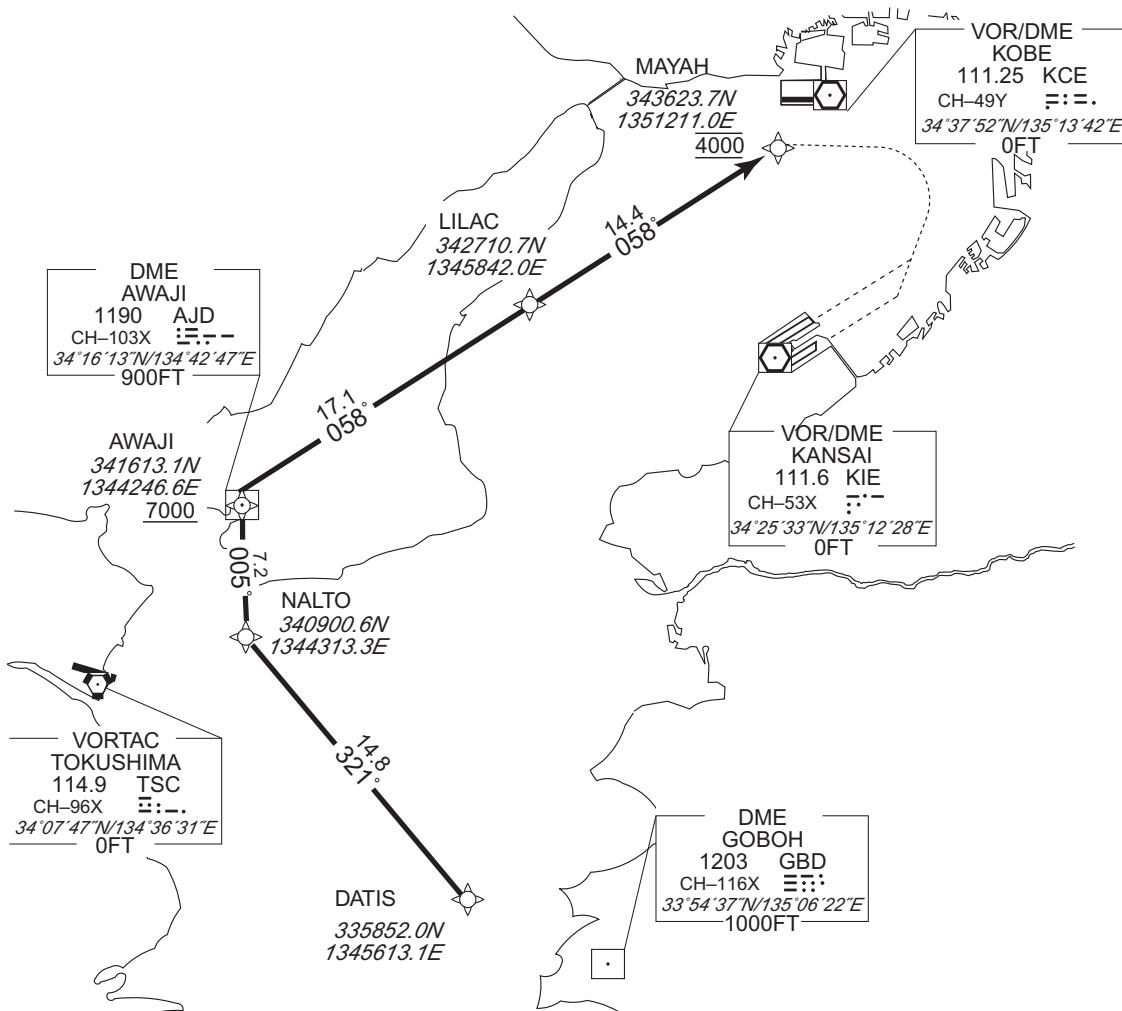
RNAV STAR RWY24L/24R

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

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



CHANGE : Description of VAR.

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.

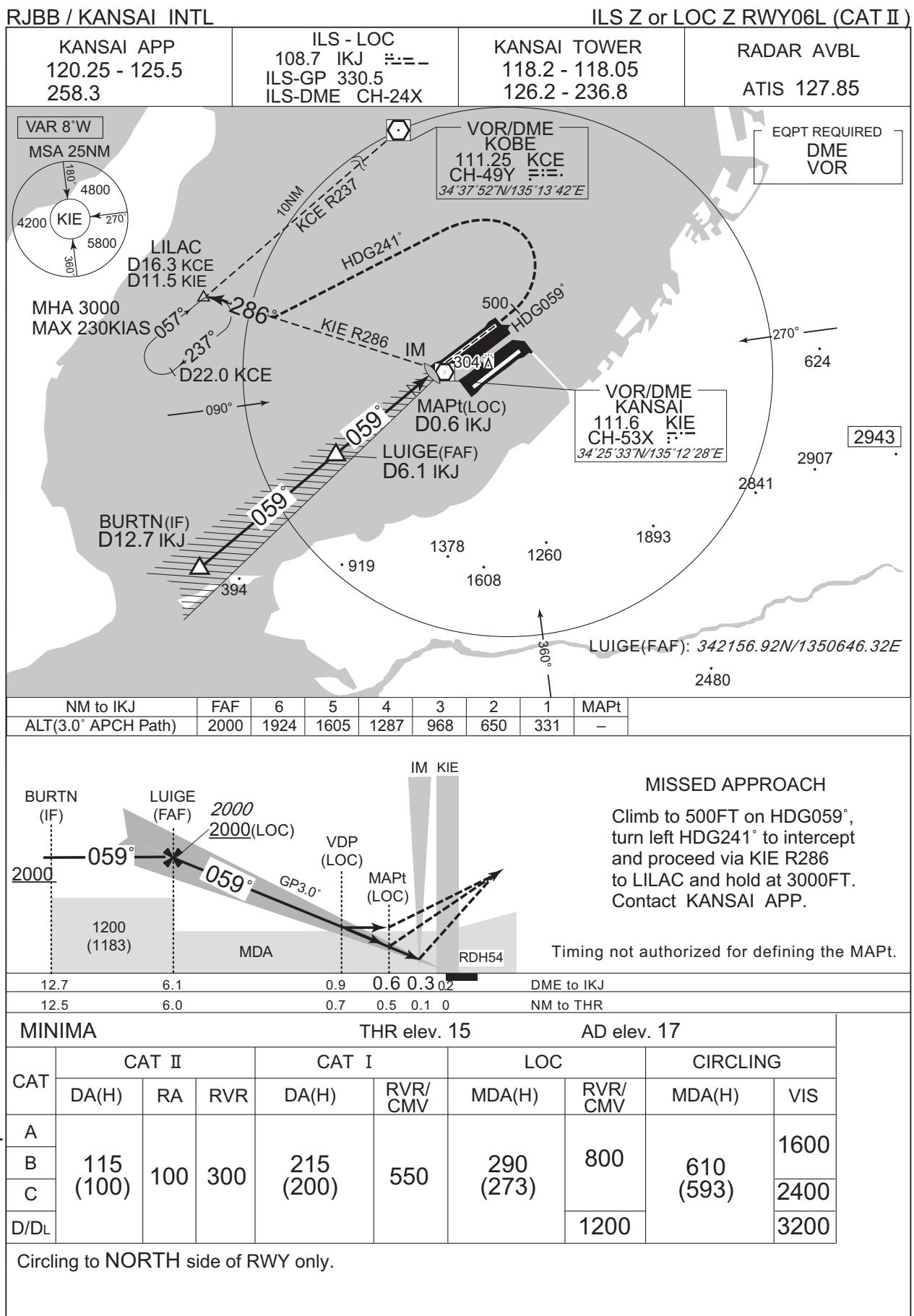
Critical DME	KTE : TANTA - 18.3NM to AKASI AJD : 14.3NM to AKASI - 9.3NM to AKASI
DME GAP	—
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

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

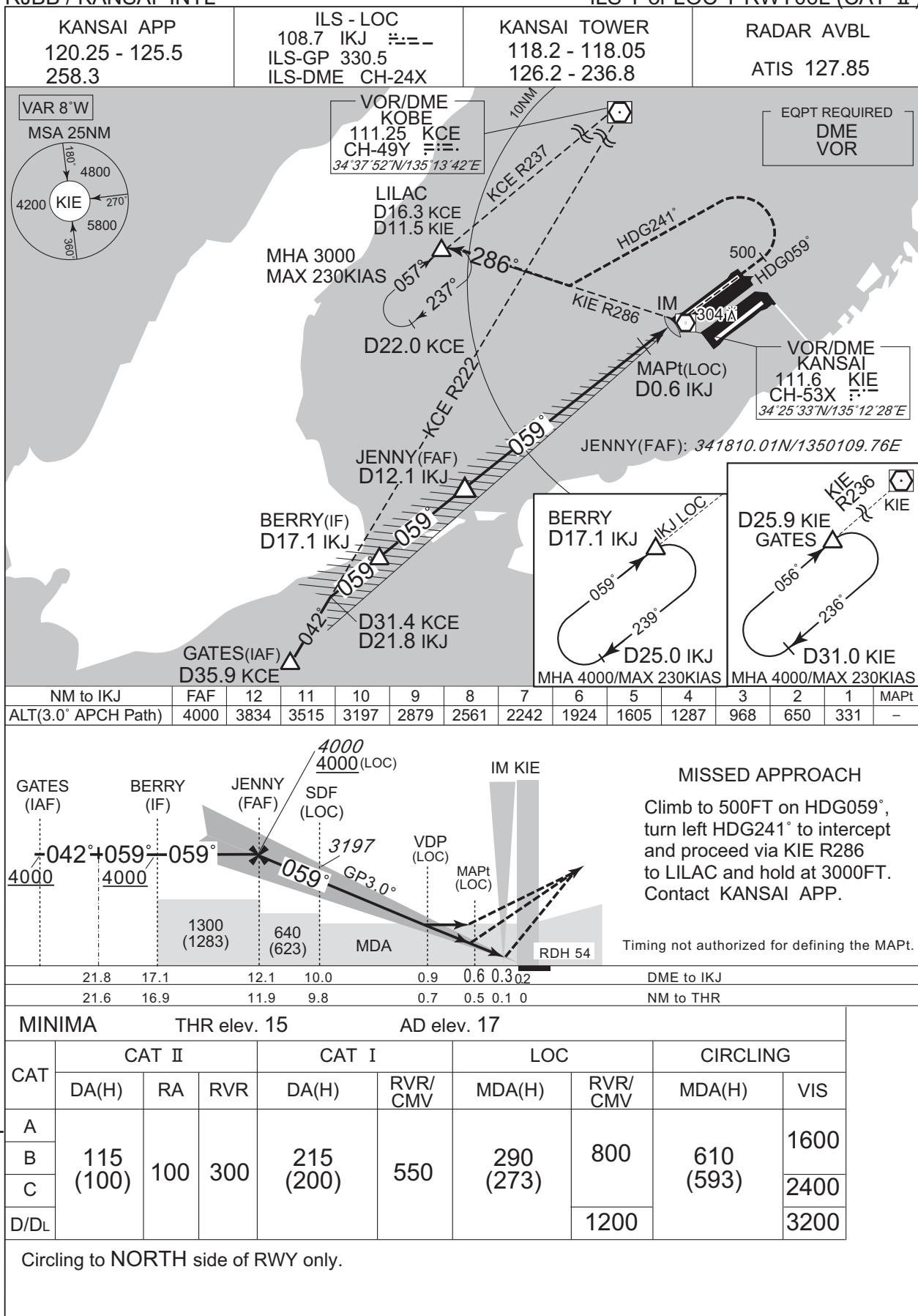
CHANGE : Minimum ALT at AKASI.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

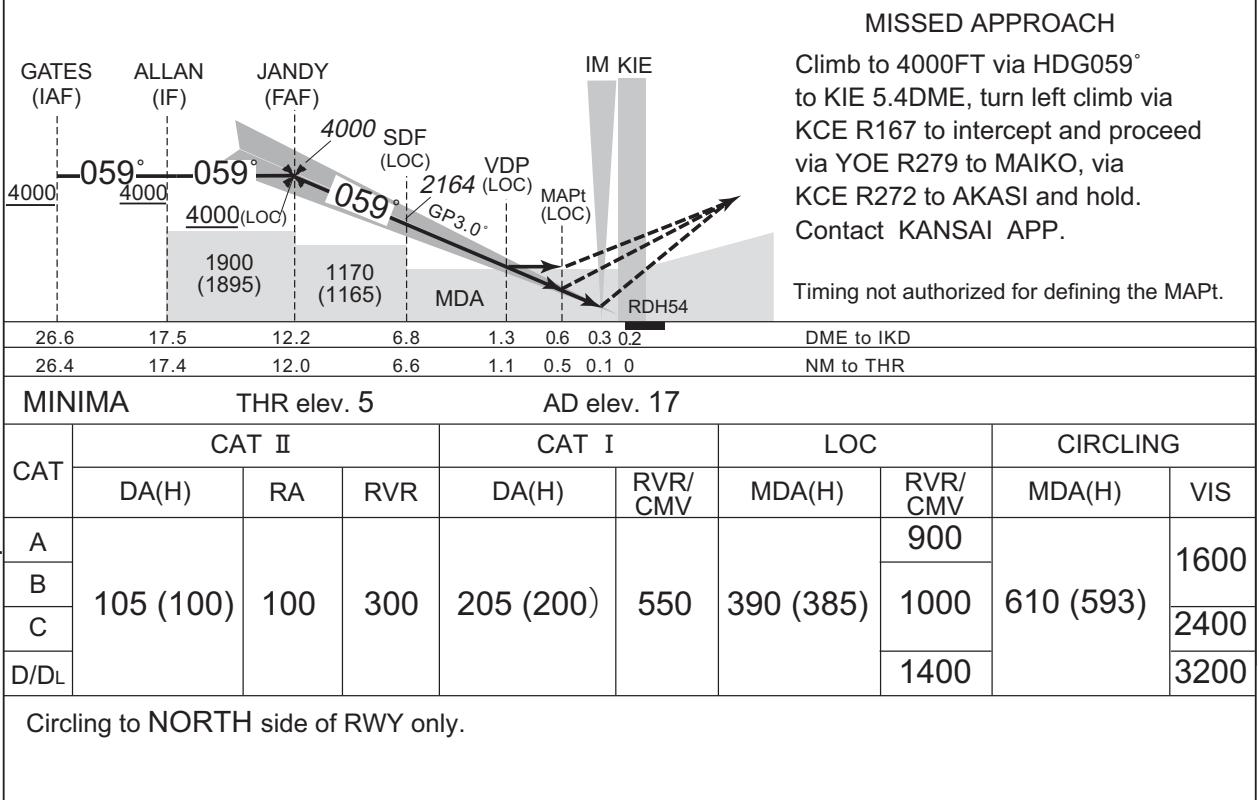
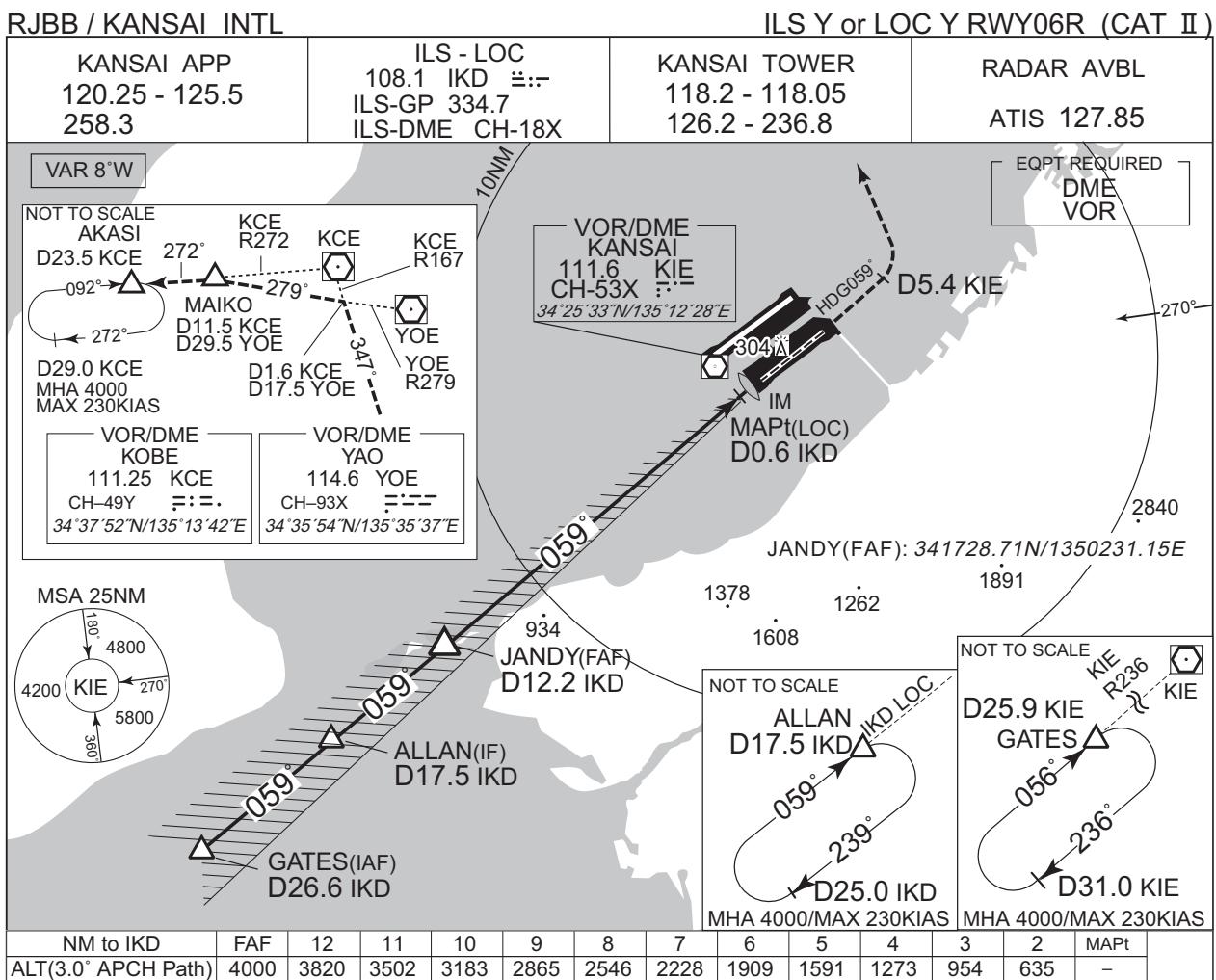
RJBB / KANSAI INTL



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



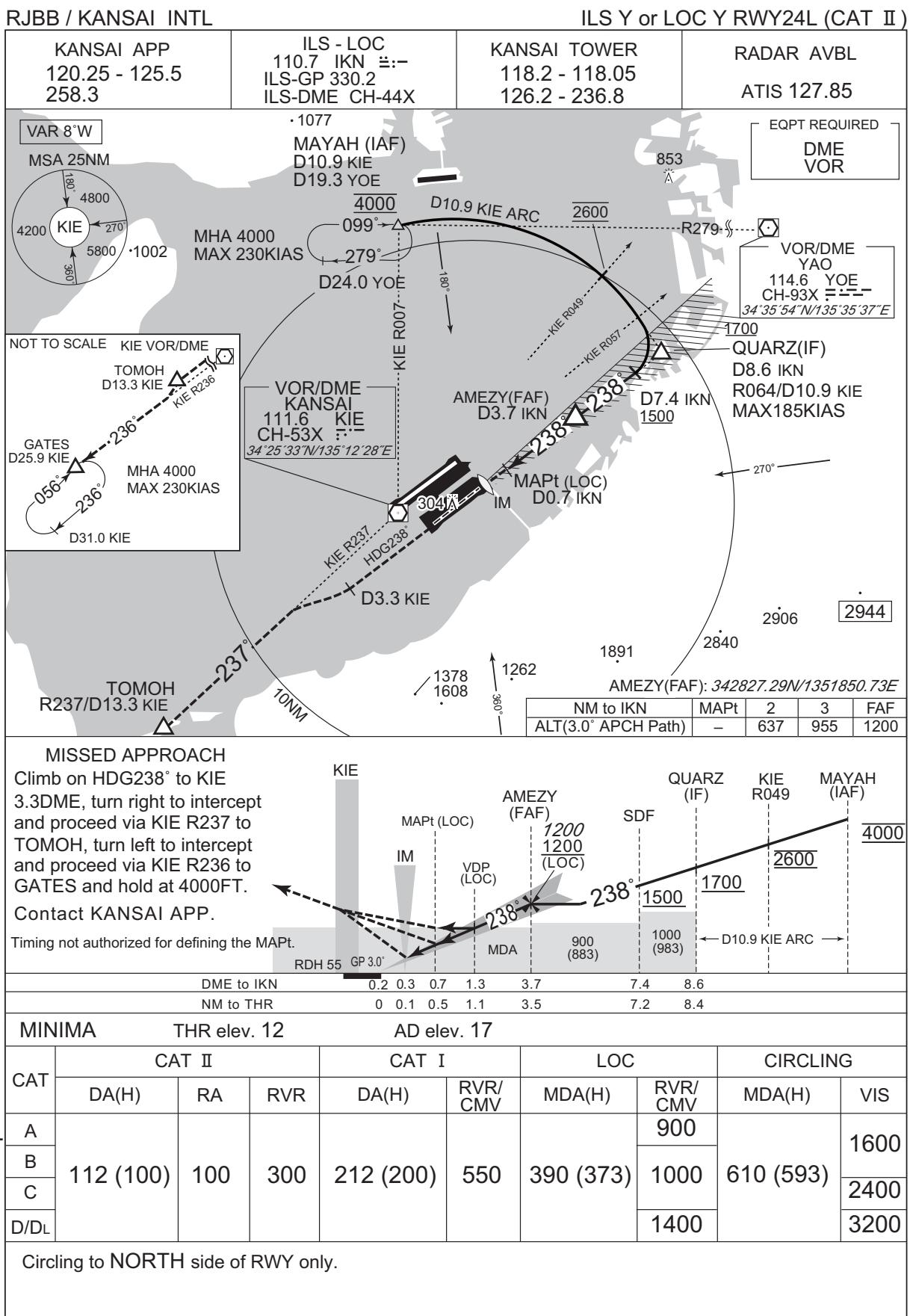
CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

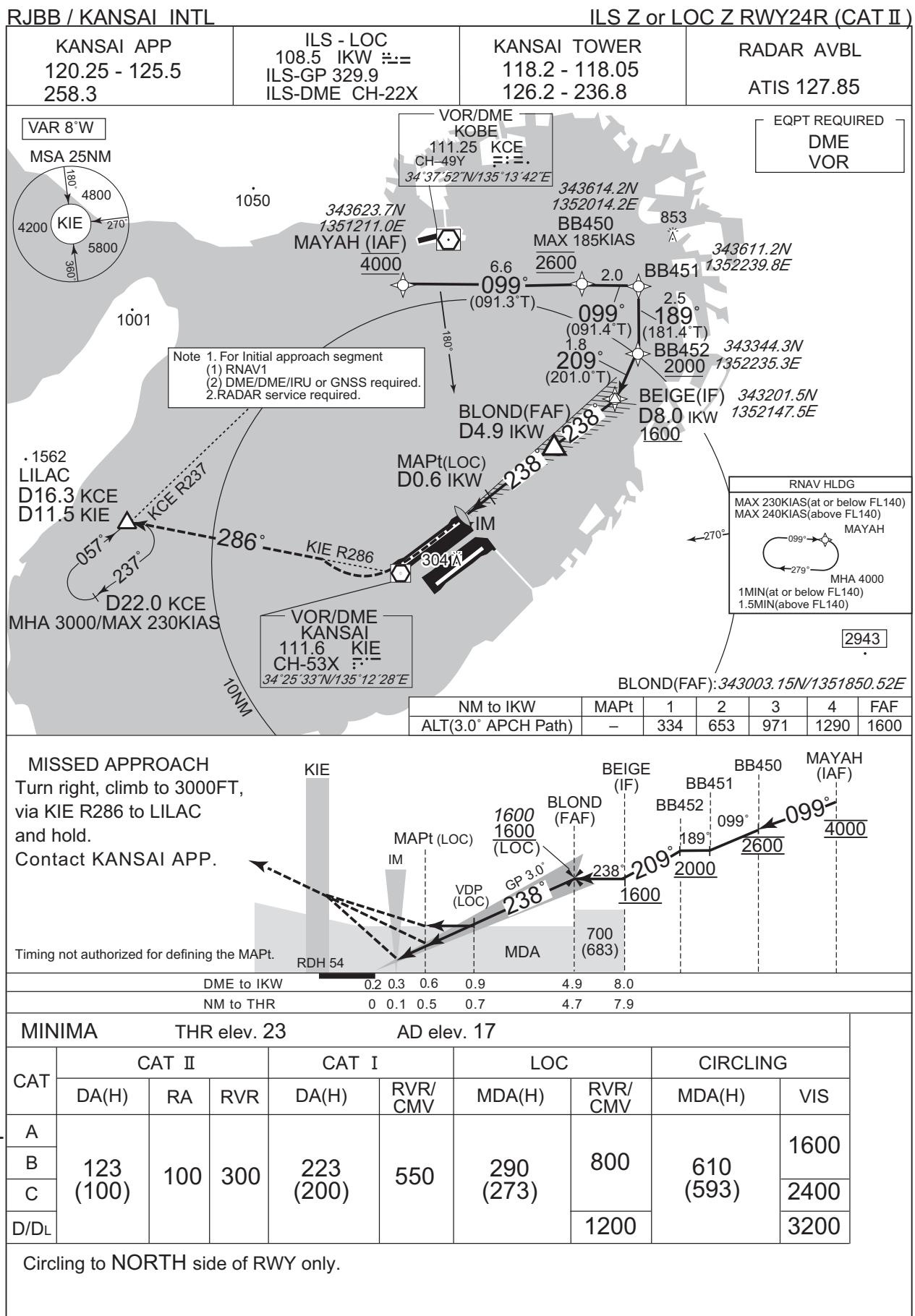


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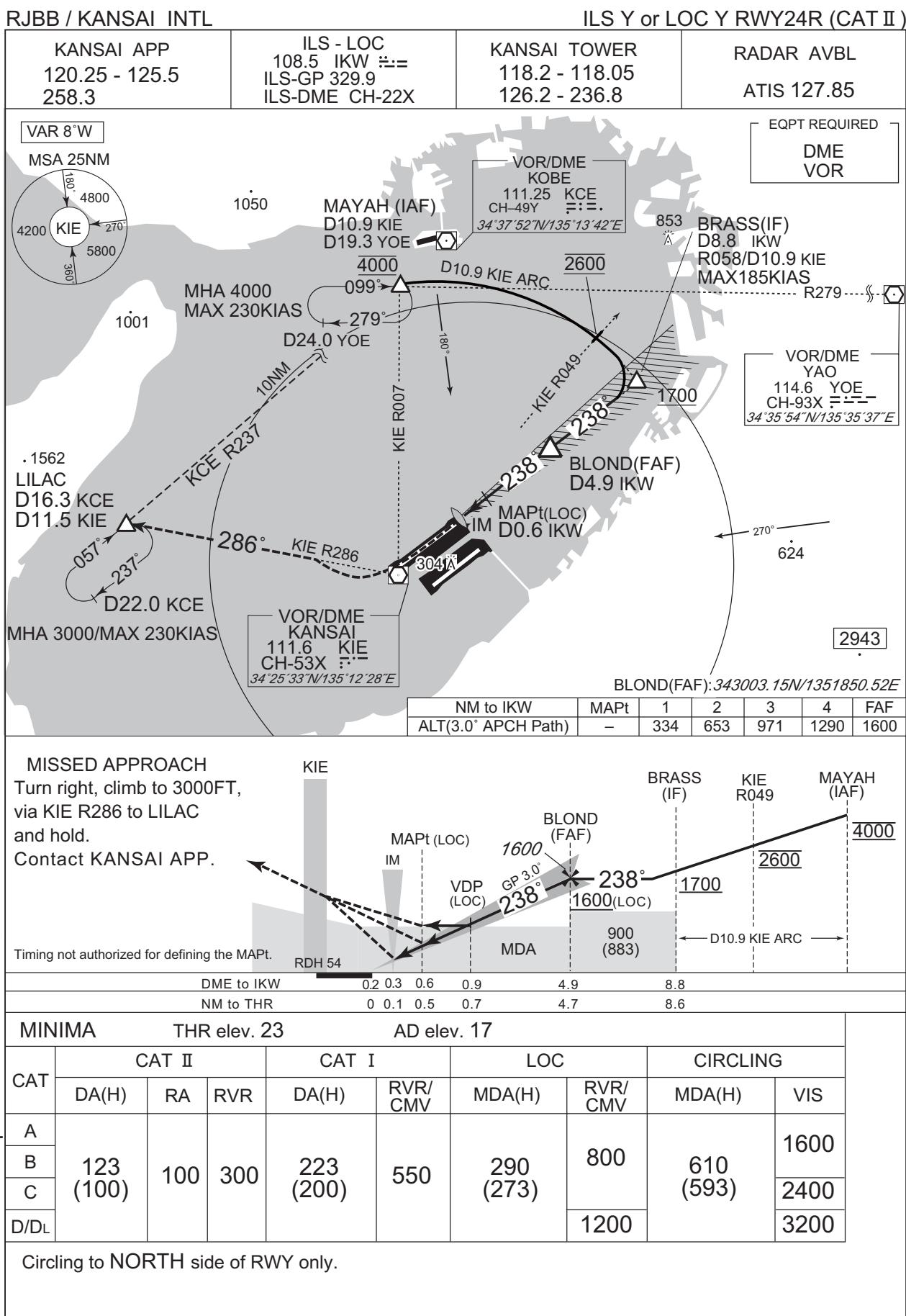
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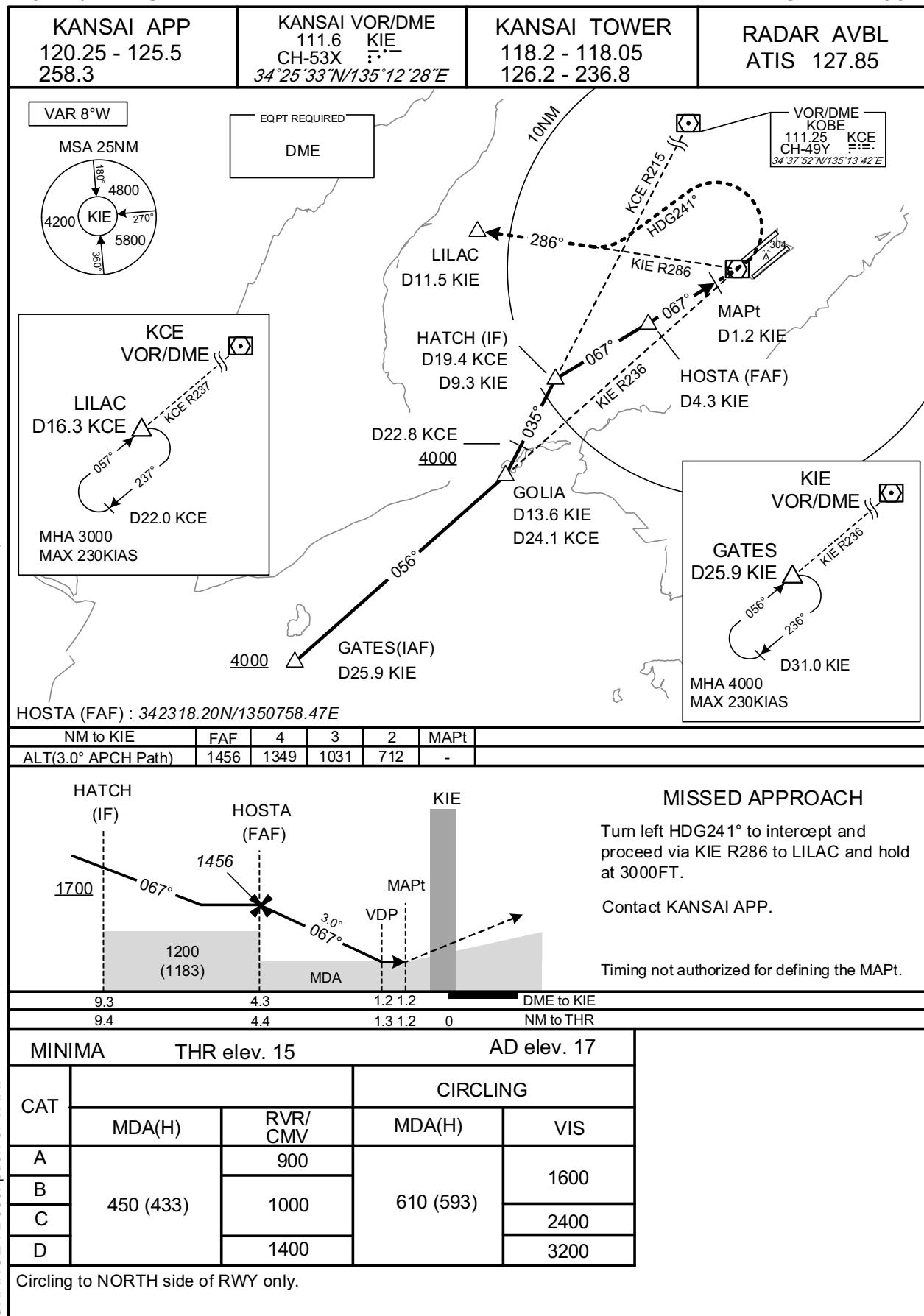
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INSTRUMENT APPROACH CHART

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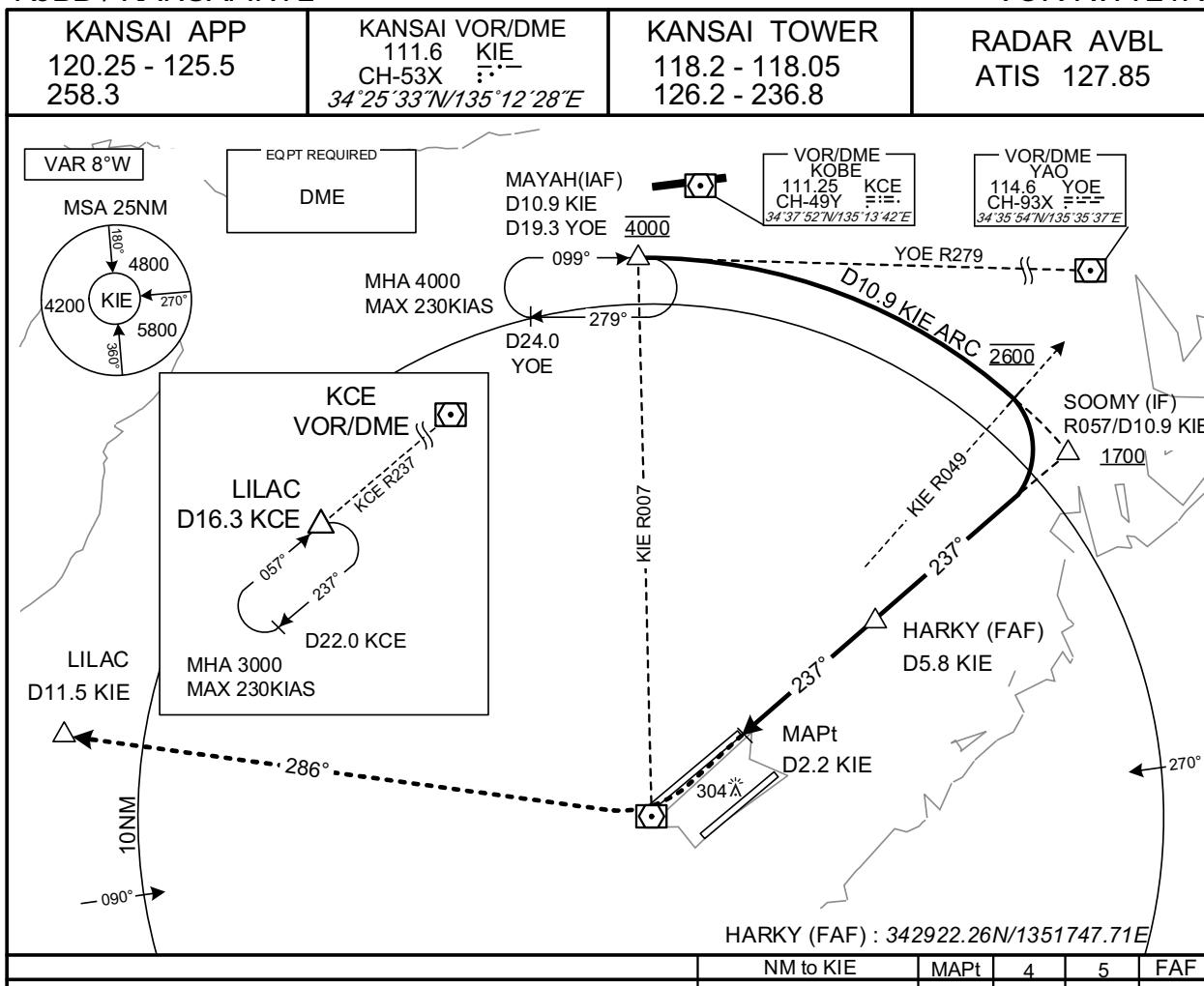
VOR RWY06L



INSTRUMENT APPROACH CHART

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VOR RWY24R



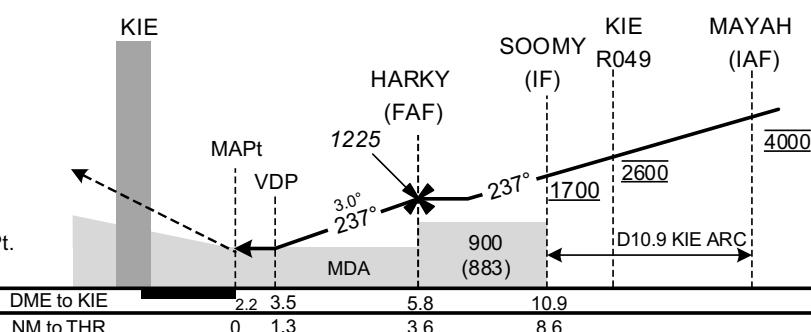
	NM to KIE	MAPt	4	5	FAF
ALT(3.0° APCH Path)	-	642	960	1225	

MISSSED APPROACH

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

Contact KANSAI APP.

Timing not authorized for defining the MAPt.



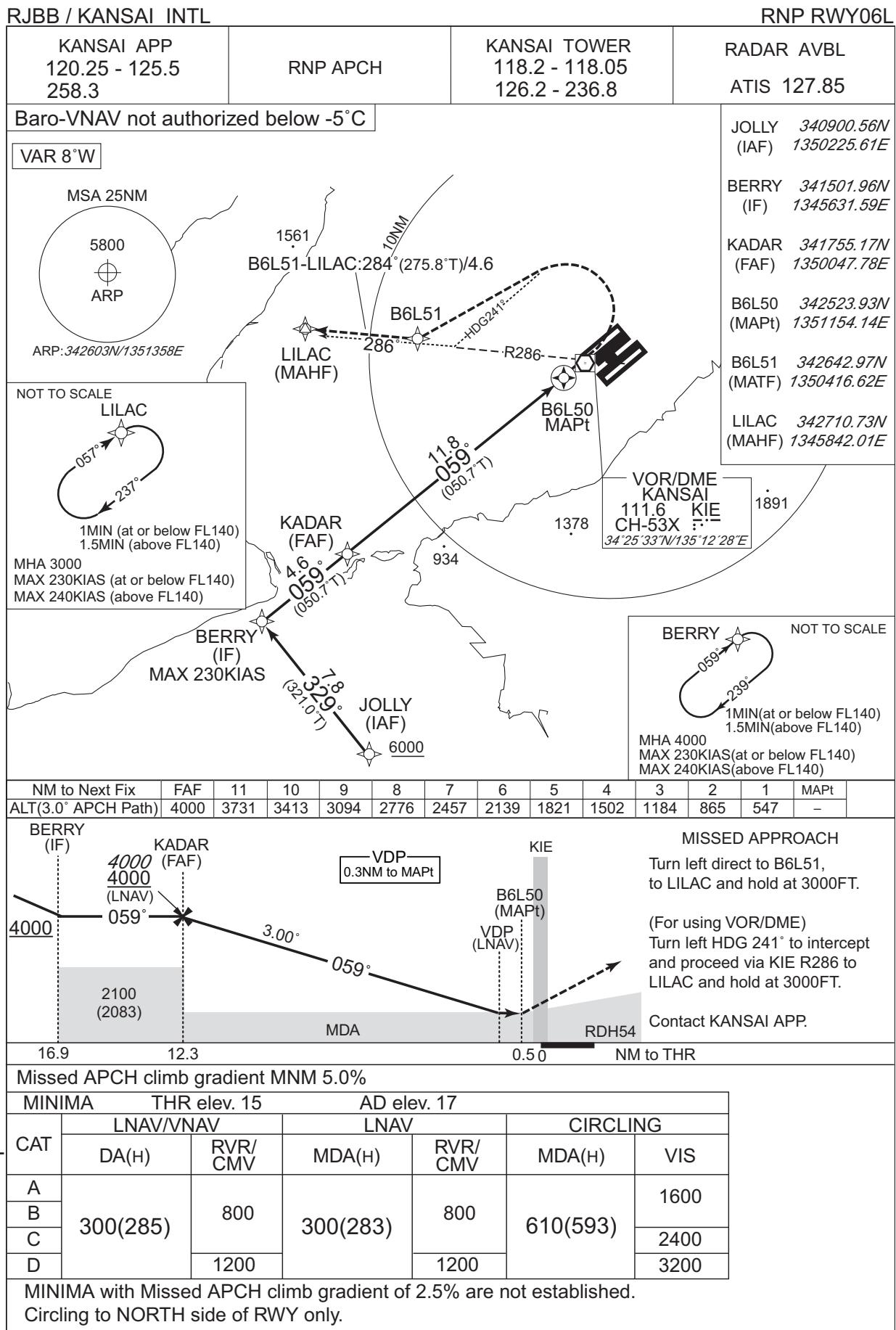
MINIMA THR elev. 23

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.

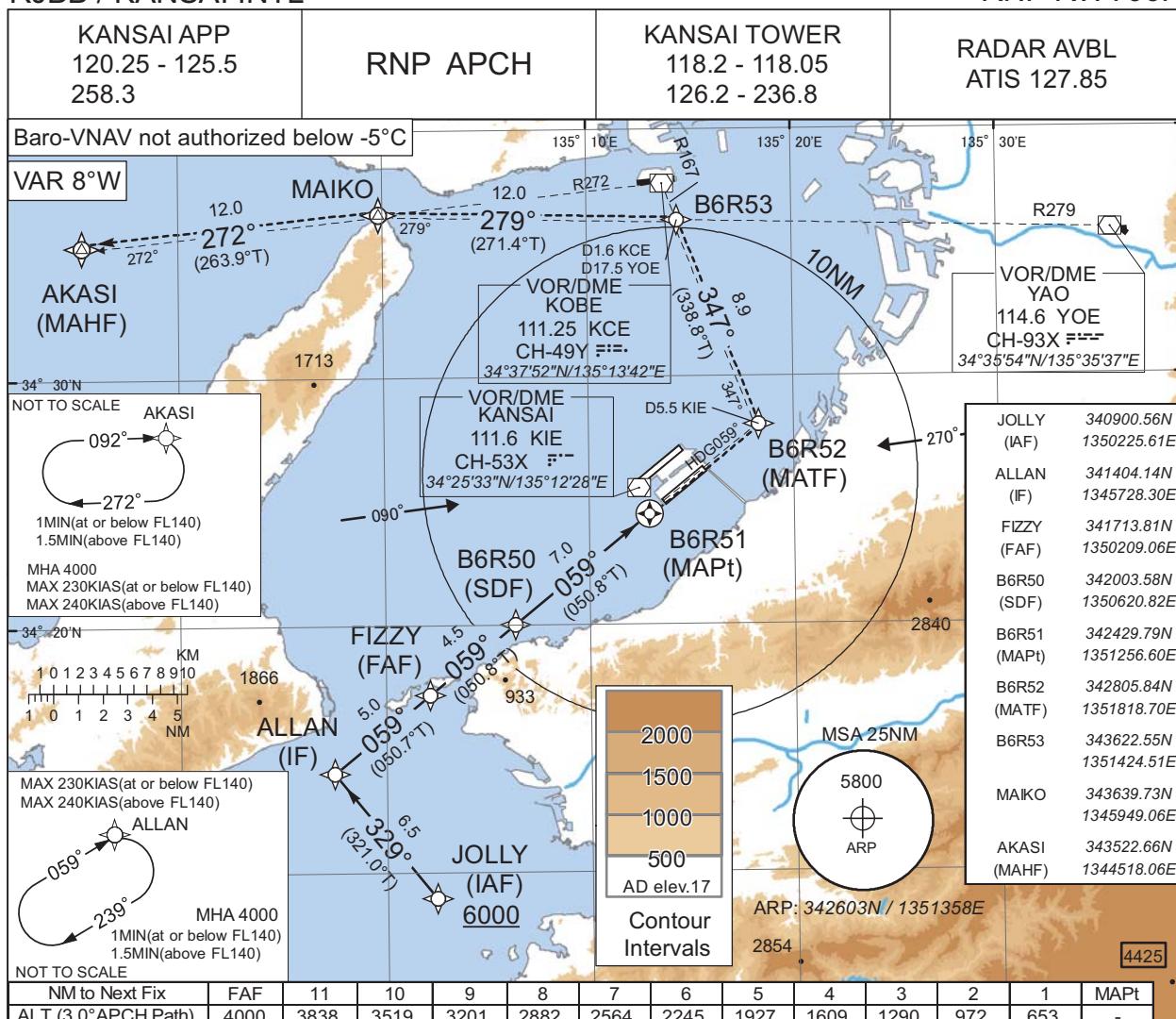
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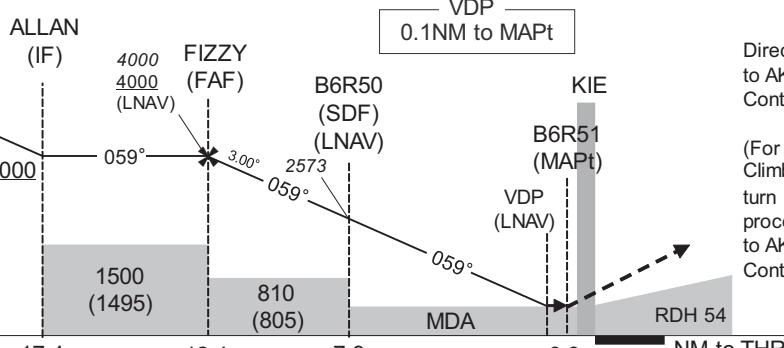
INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

RNP RWY06R



MISSSED APPROACH



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.

CHANGE : Description of VAR.

Missed APCH climb gradient MNM 3.0%

MINIMA THR elev. 5 AD elev. 17

CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	900		900			
B	340(335)	1000	340(335)	1000	610(593)	1600
C						2400
D	1400		1400			3200

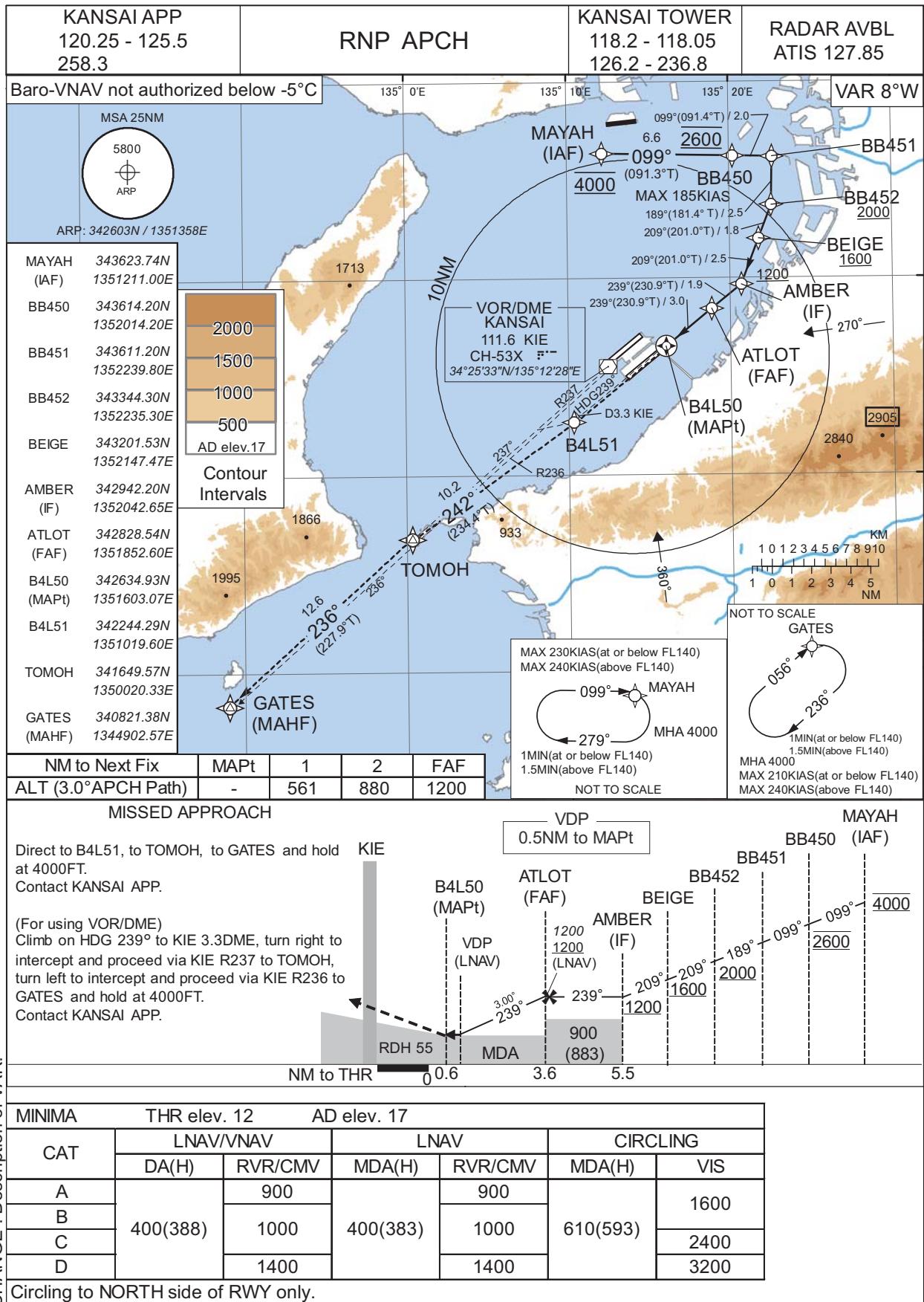
MINIMA with Missed APCH climb gradient of 2.5% are not established.

Circling to NORTH side of RWY only.

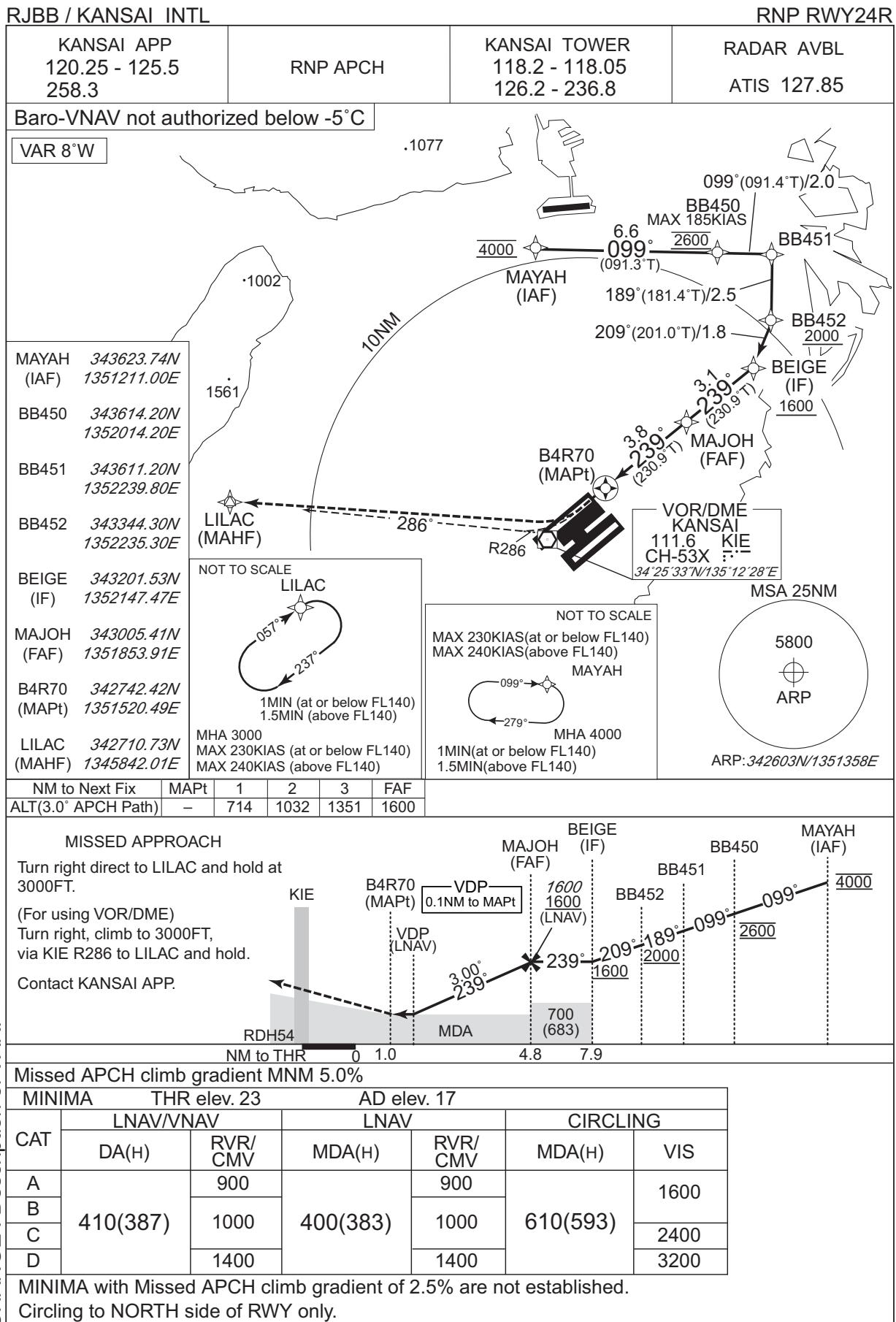
INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

RNP RWY24L

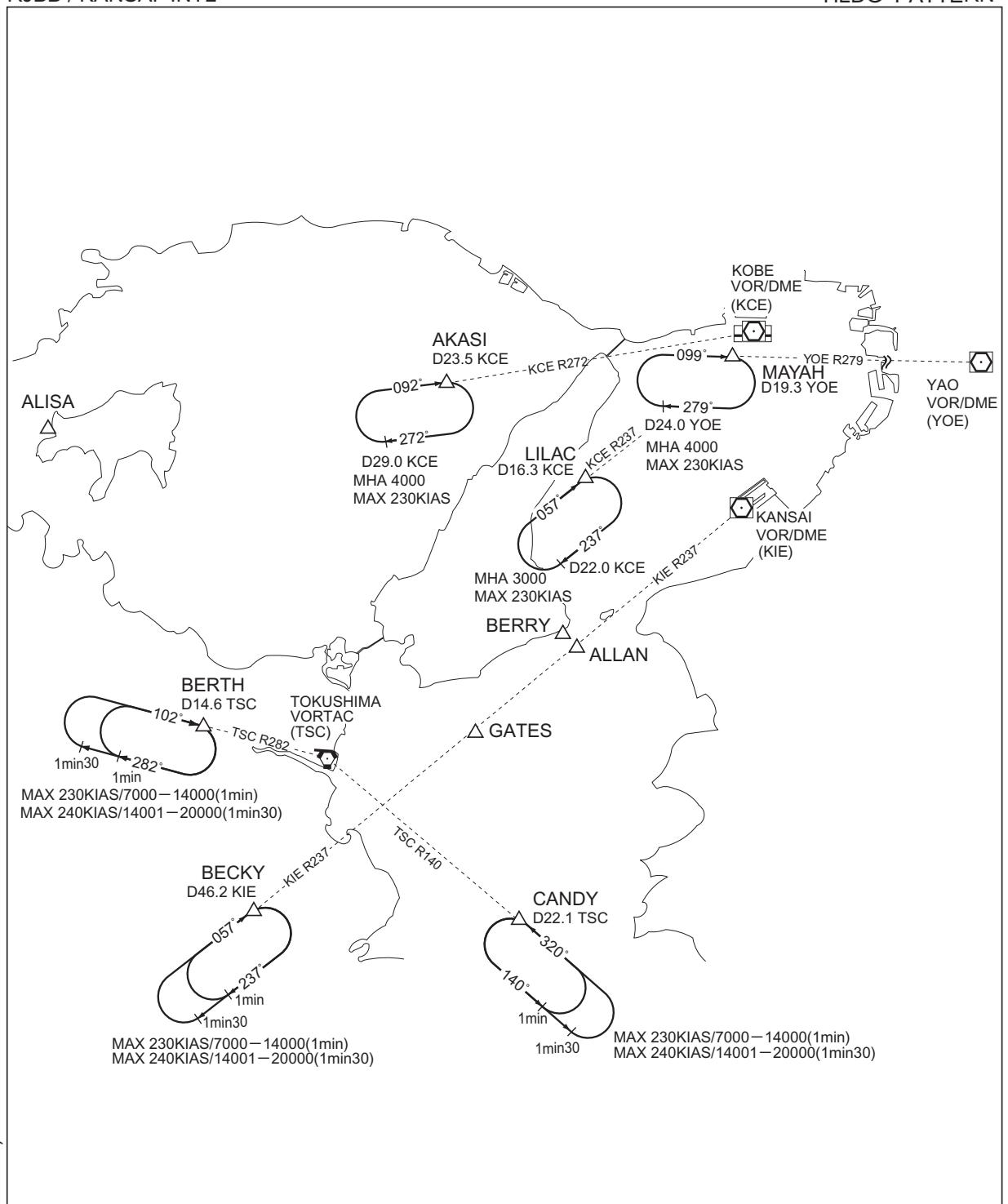


INSTRUMENT APPROACH CHART

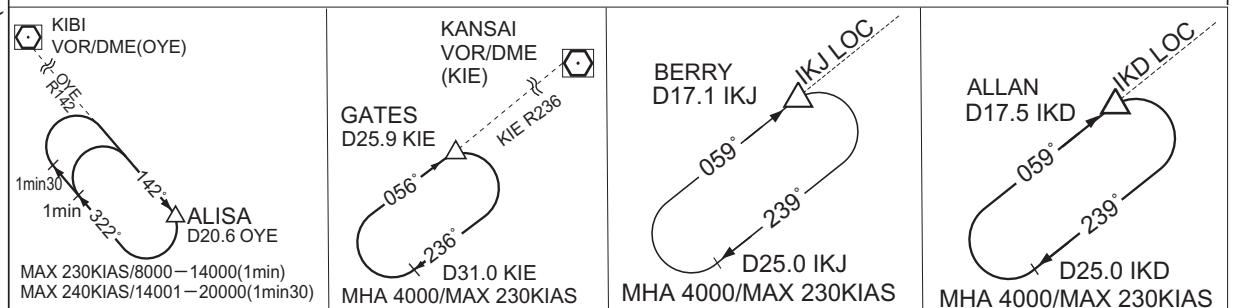


RJBB / KANSAI INTL

HLDG PATTERN

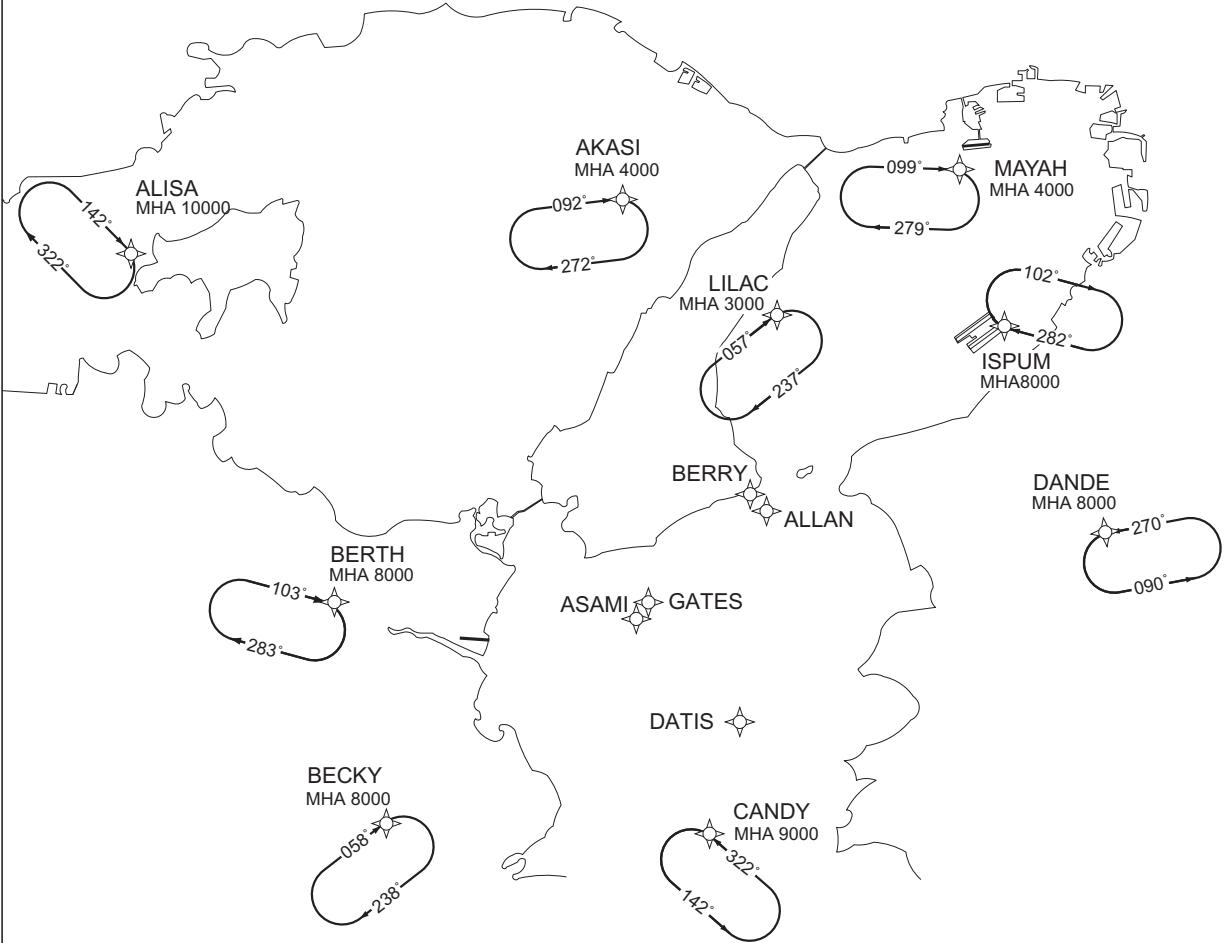


CHANGE : HLDG course(ALLAN).

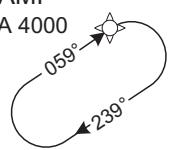
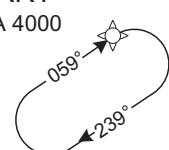
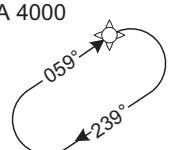
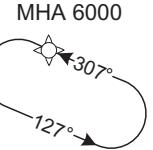
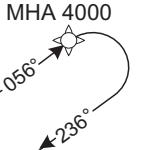


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RNAV HLDG PATTERN

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), BERTH (MHA 8000), BECKY (MHA 8000), CANDY (MHA 9000), DANE (MHA 8000), GATES, LILAC (MHA 3000), MAYAH (MHA 4000), ISPUM (MHA 8000), ALLAN, ASAMI, BERRY, DATIS, and BEKKY. Each waypoint is marked with a star and a small circle indicating the RNAV pattern. Arrows on the routes show 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.

ASAMI MHA 4000	BERRY MHA 4000	ALLAN MHA 4000	DATIS MHA 6000	GATES MHA 4000
				

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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

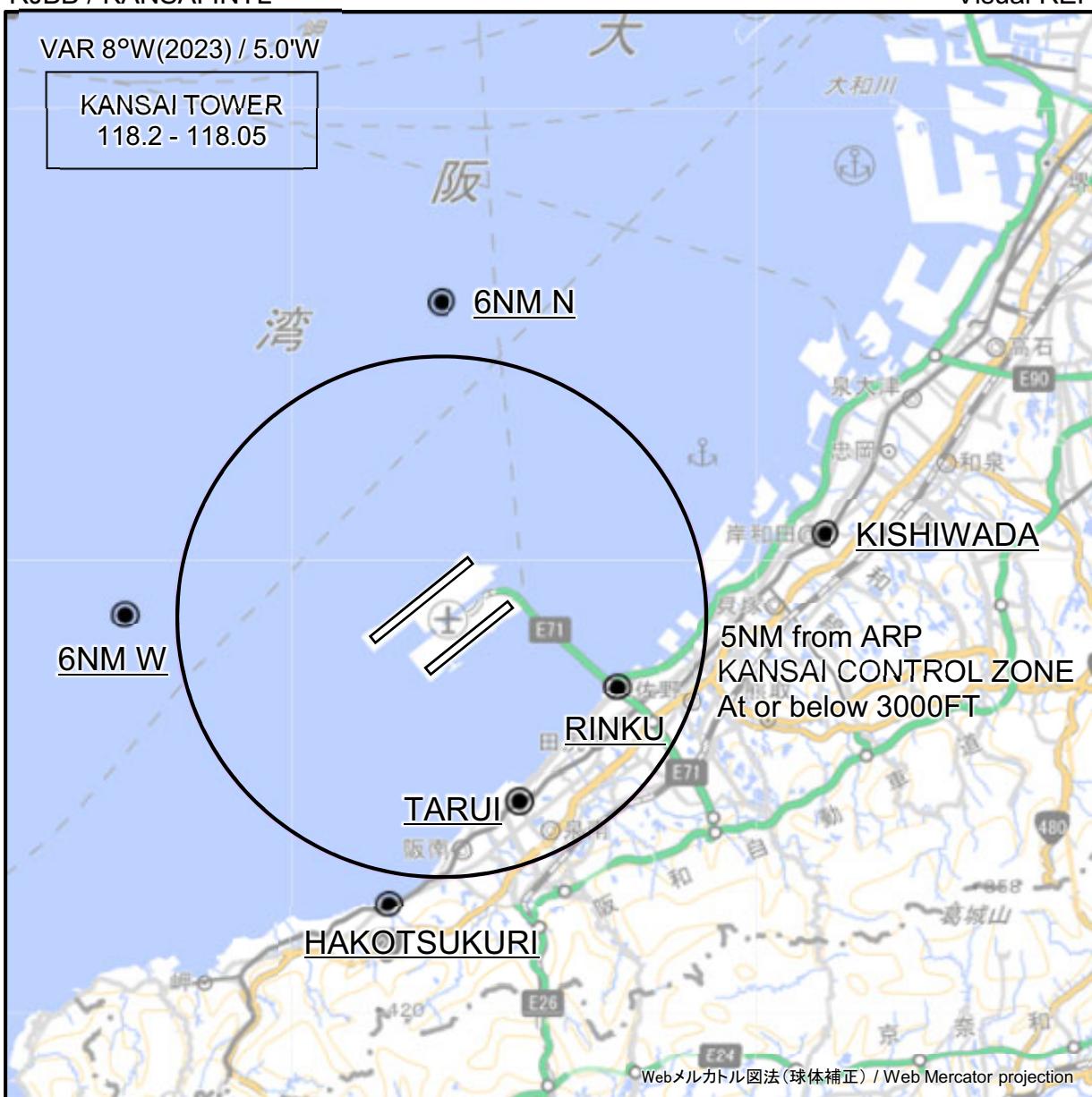
Waypoint Coordinates

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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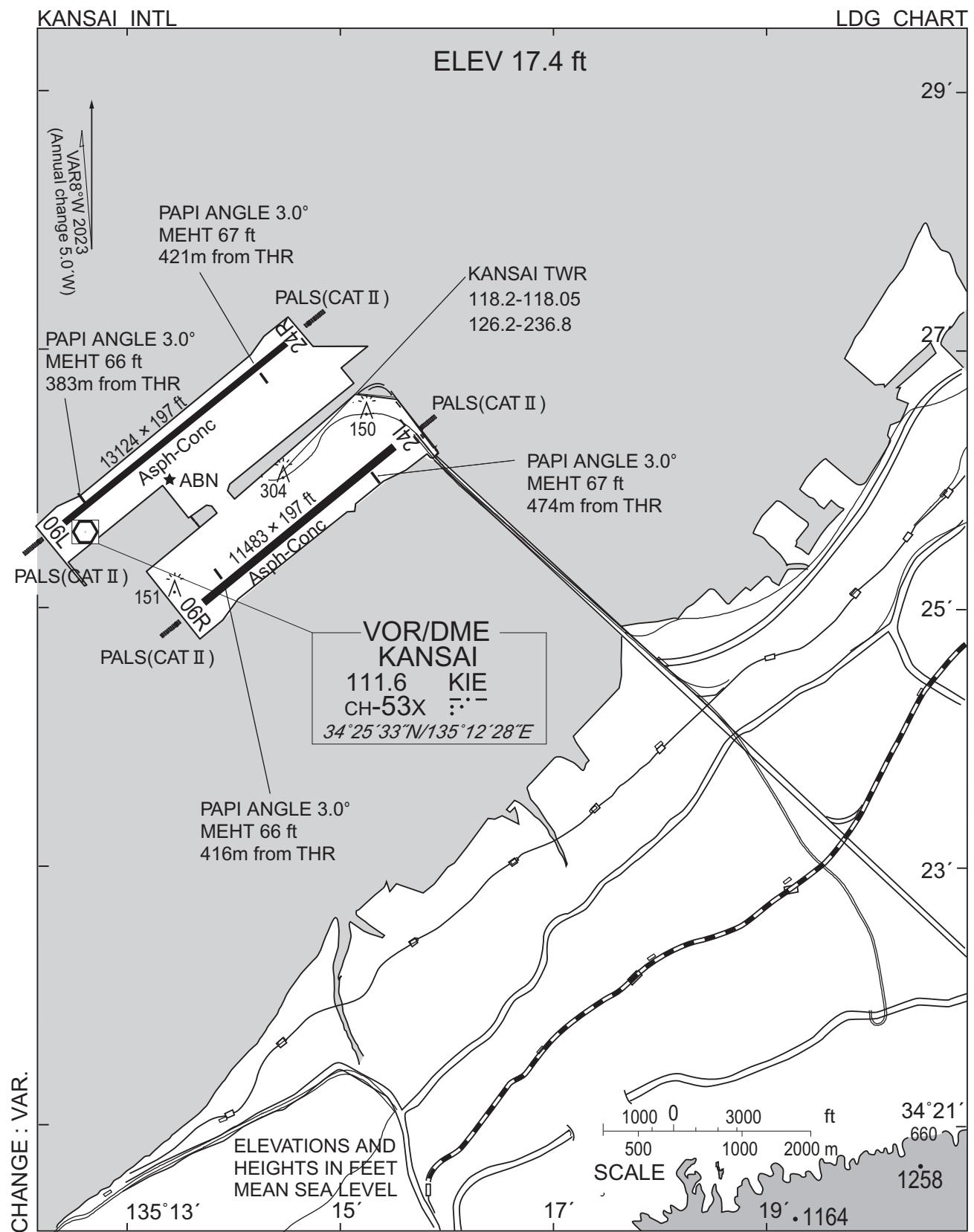
Visual REP



※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 : VAR.

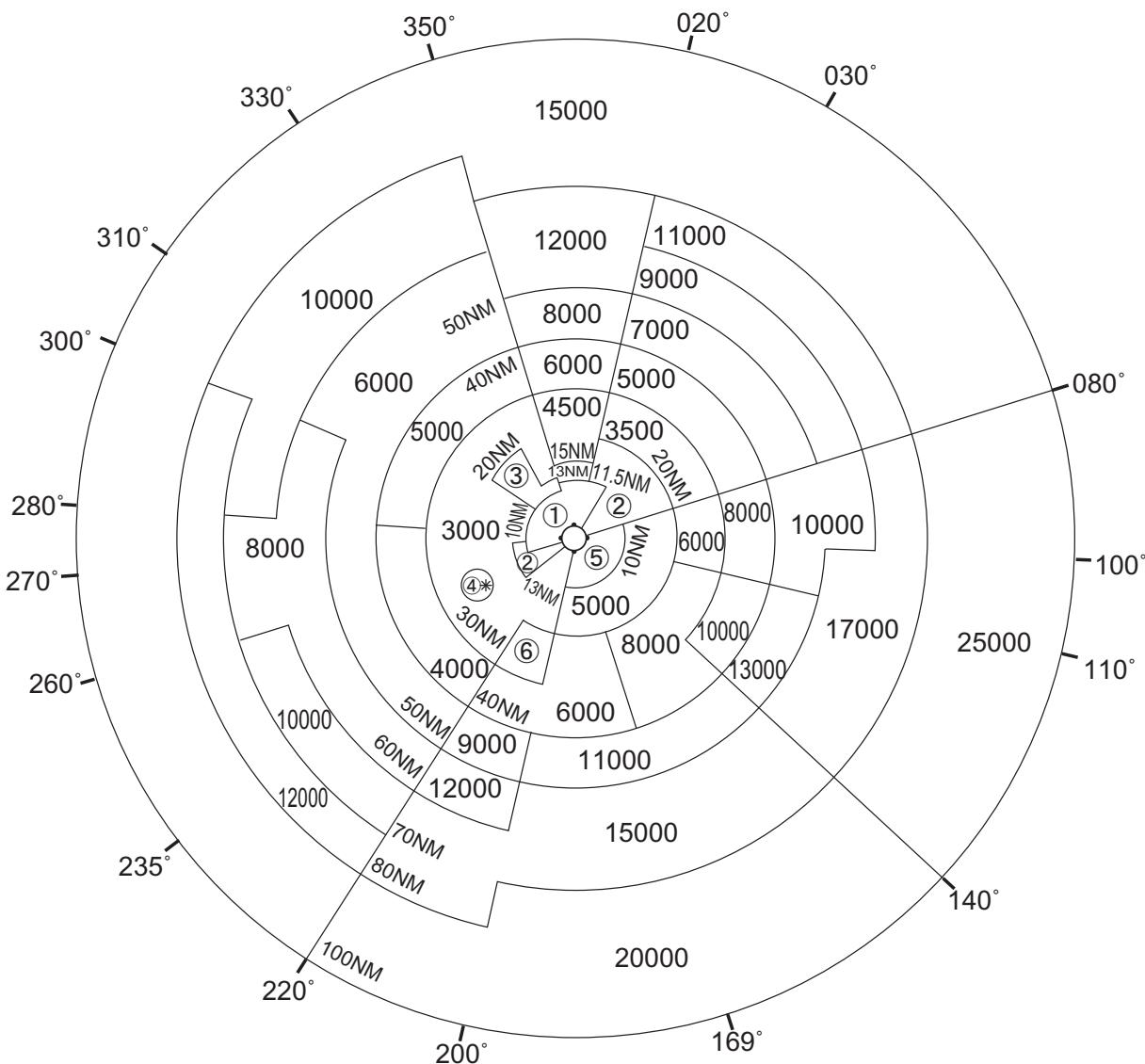
Call sign	BRG / DIST from ARP	Remarks
6NM N	360°T / 6.0NM	海上 Over the sea
岸和田 Kishiwada	078°T / 7.4NM	南海本線・岸和田駅 Station
6NM W	270°T / 6.0NM	海上 Over the sea
りんくう Rinku	113°T / 3.6NM	ビル Building
樽井 Tarui	158°T / 3.9NM	南海本線・樽井駅 Station
箱作 Hakotsukuri	190°T / 5.6NM	南海本線・箱作駅 Station



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Minimum Vectoring Altitude CHART

VAR 8°W (2023)



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

CENTER : 342636N/135151E (No.1 RADAR SITE)
 CENTER : 342540N/135134E (No.2 RADAR SITE)

* : 341405N/134485E RADIUS : 3NM

CHANGE : VAR.