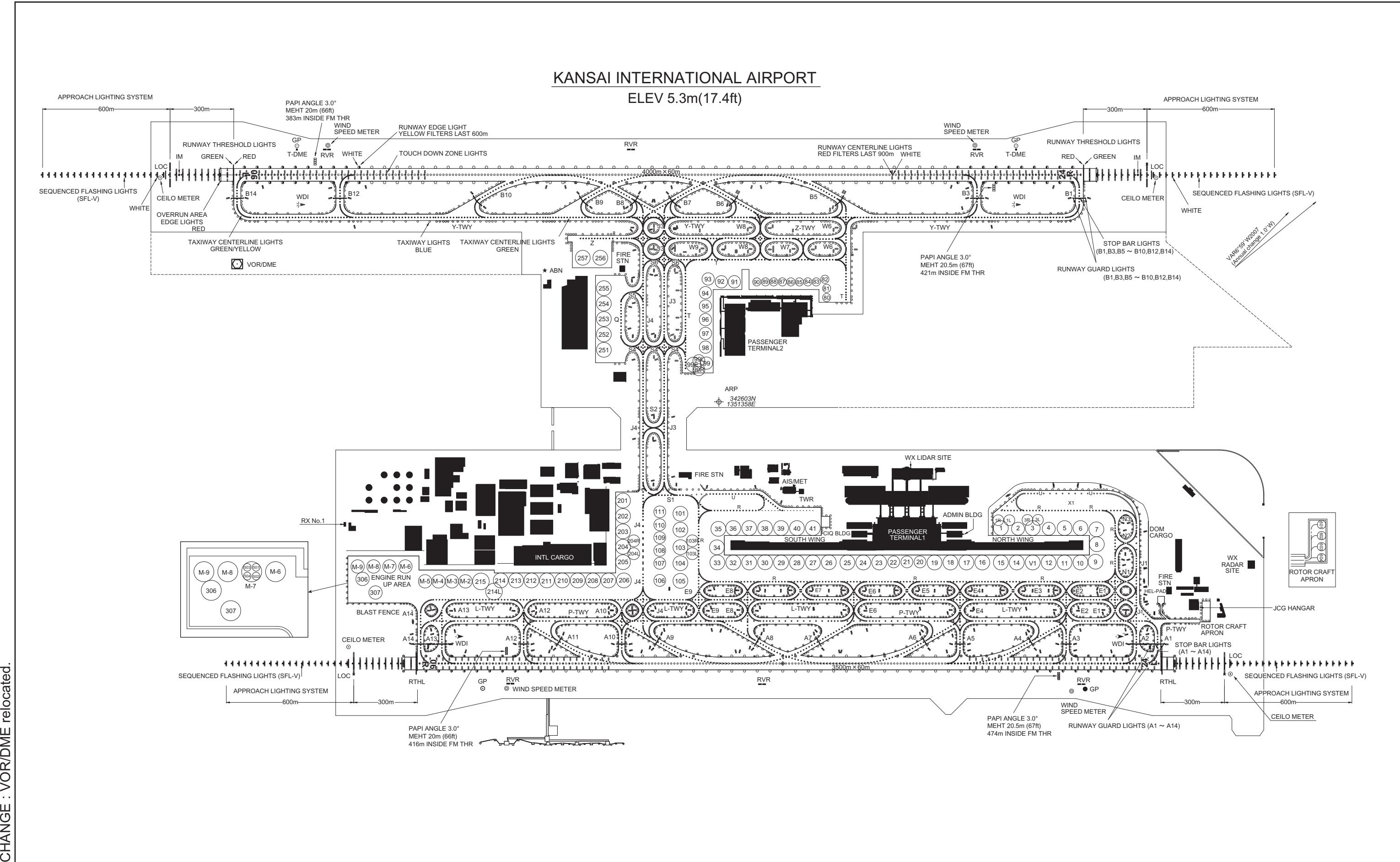


AERODROME CHART



RJBB / KANSAI INTL

AD CHART

CHANGE : ACFT stand lead-in line for spot 1,1R,1L,3R,3L.

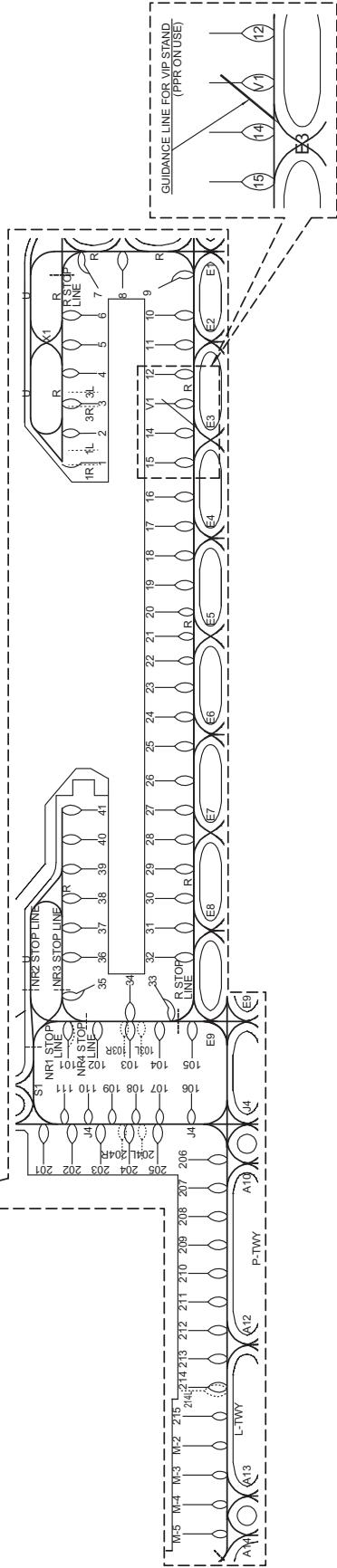
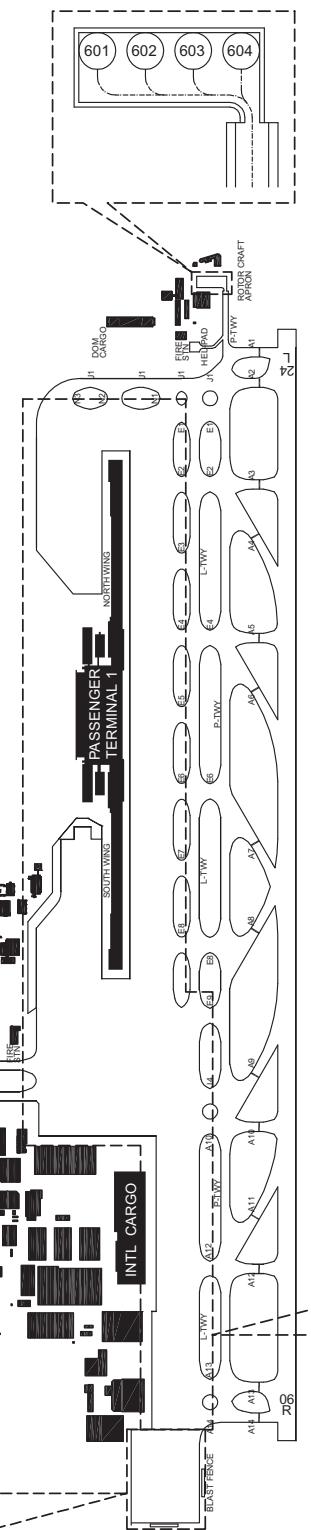
KANSAI INTL AP

ELEV 5.3m(17.4ft)

Designation Call Sign Frequency (MHz)

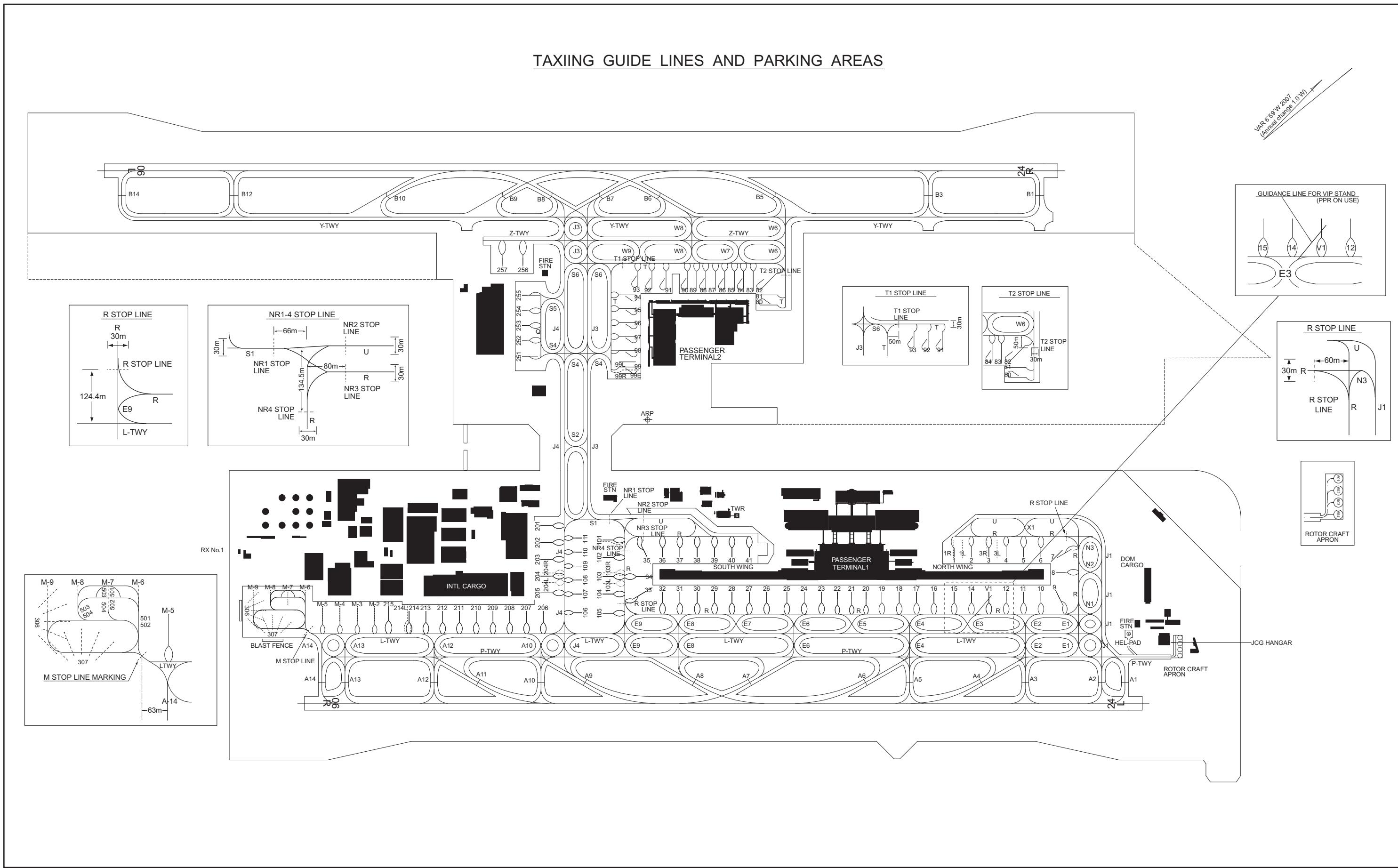
ATIS	Kansai I NTL Airport	127.85
DLRY	Kansai Delivery	121.9
GND	Kansai Ground	121.65
TWR	Kansai Tower	118.2 118.05 126.2 236.8

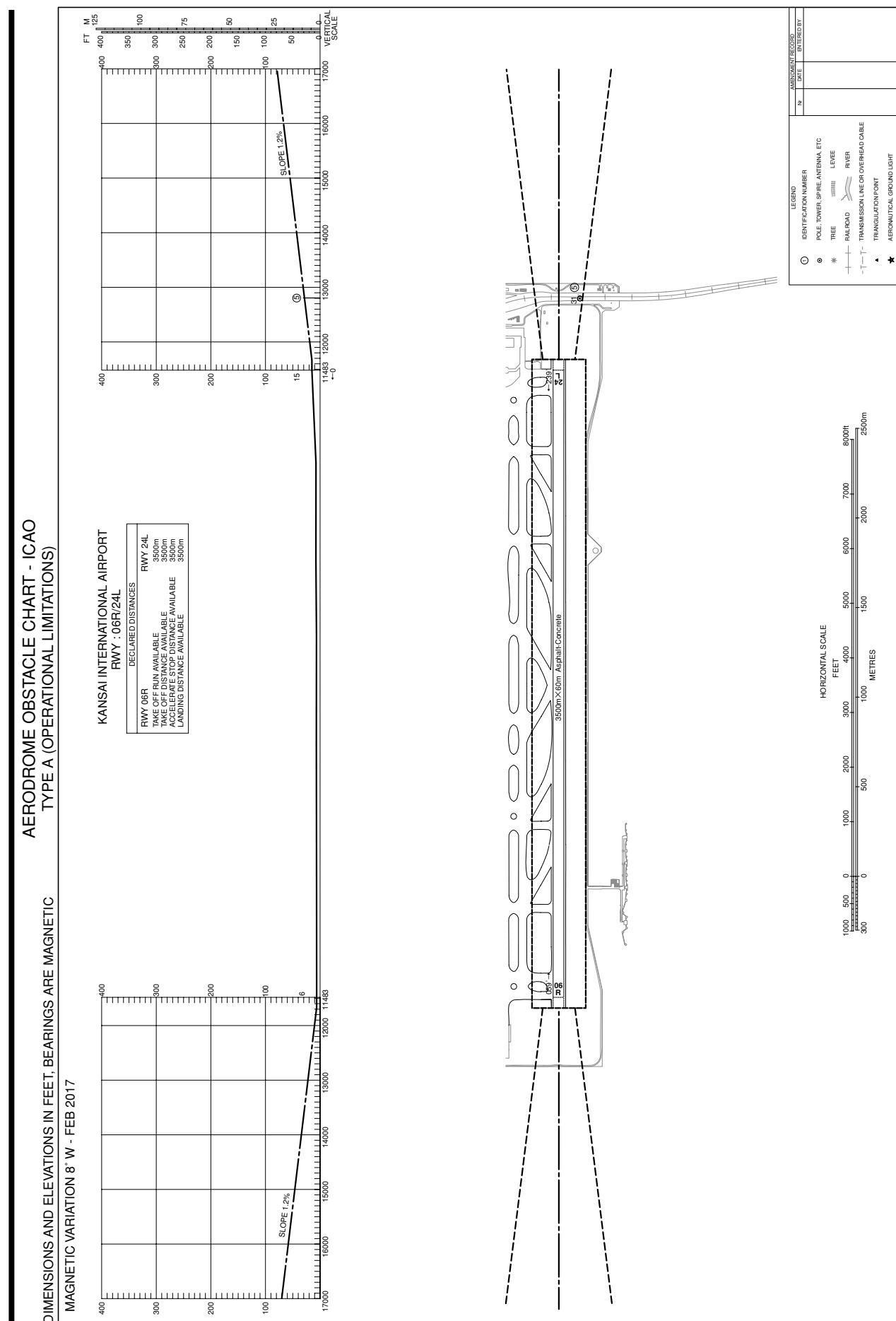
VERTICAL COVERAGE 1000ft
VERTICAL COVERAGE 5000ft



TAXIING GUIDE LINES AND PARKING AREAS

CHANGE : ACFT stand lead-in line for spot 1,1R,1L,3R,3L.

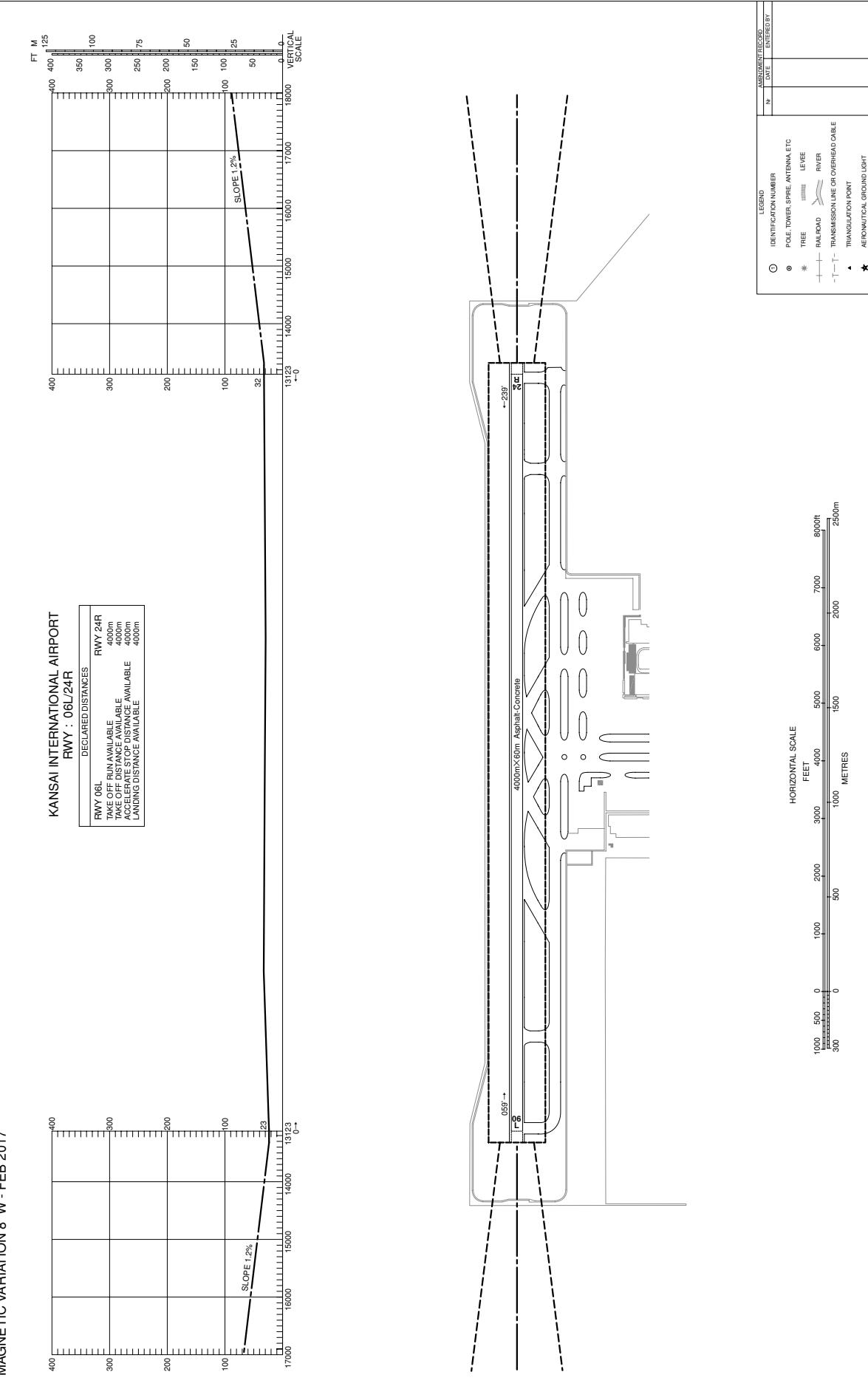




AERODROME OBSTACLE CHART - ICAC TYPE A (OPERATIONAL LIMITATIONS)

DIMENSIONS AND ELEVATIONS IN FEET, BEARINGS ARE MAGNETIC

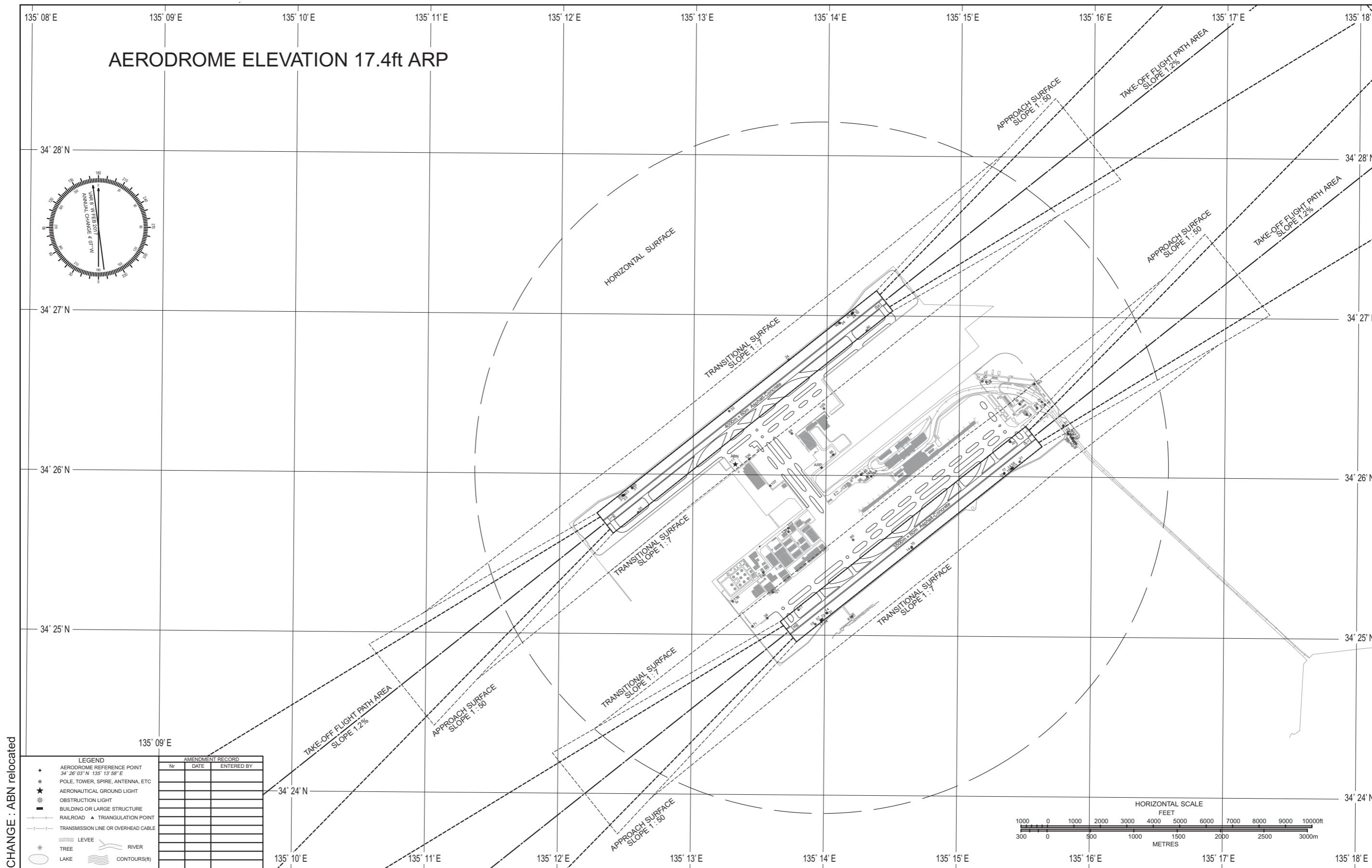
MAGNETIC VARIATION 8° W - FEB 2017

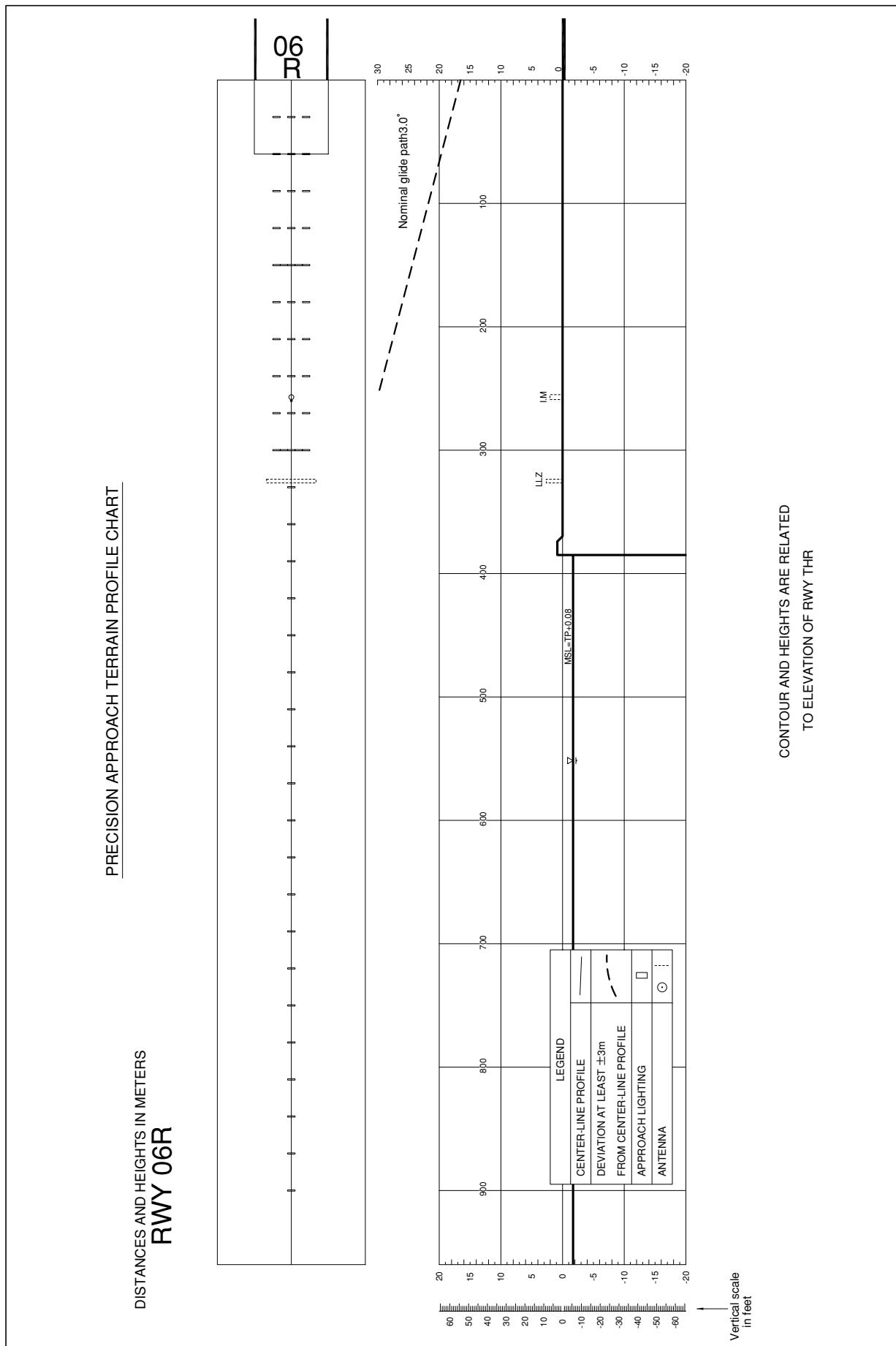


DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETICS

AERODROME OBSTRUCTION CHART TYPE B

AERODROME ELEVATION 17.4ft ARP

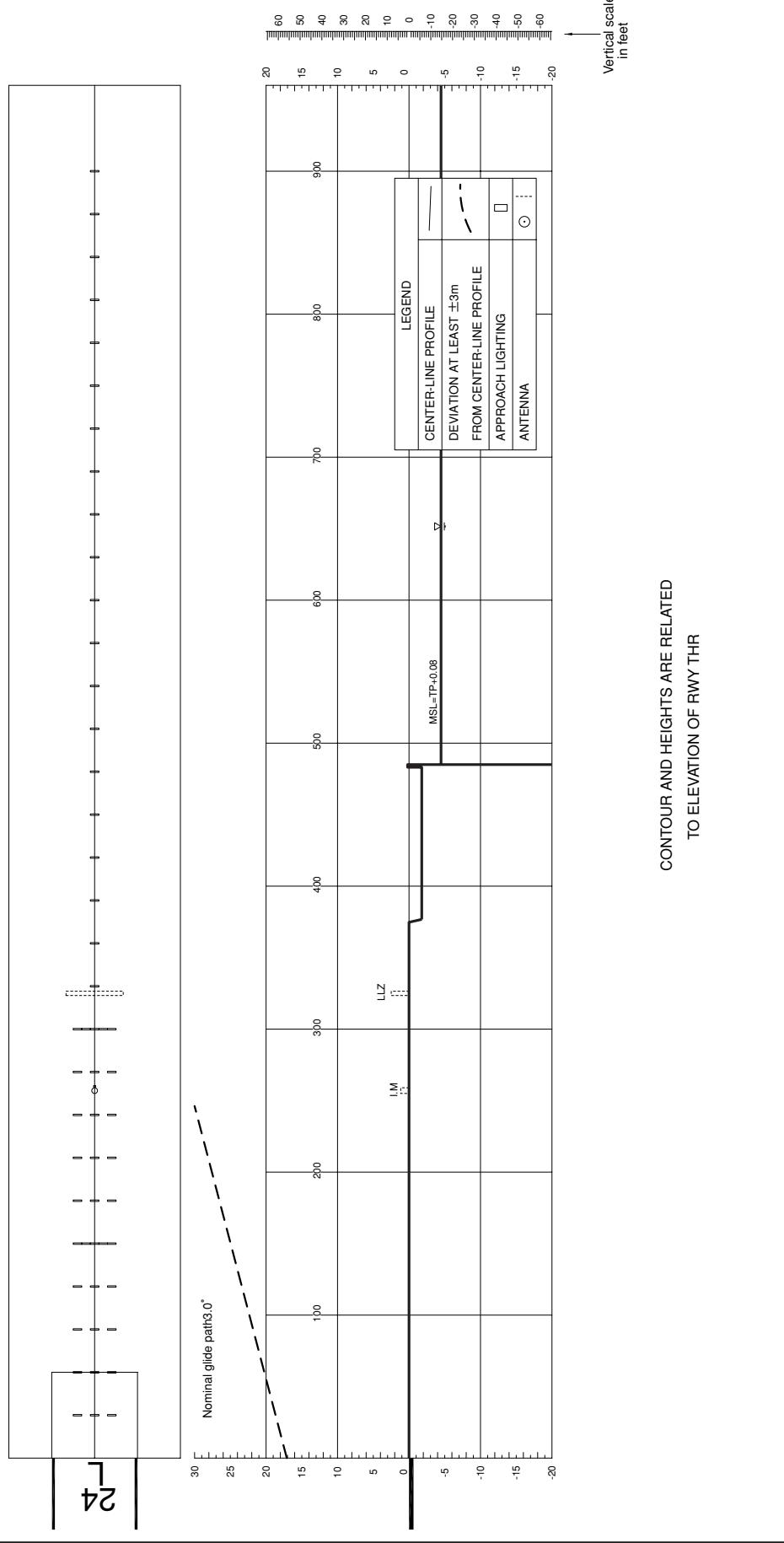




RWY 24L

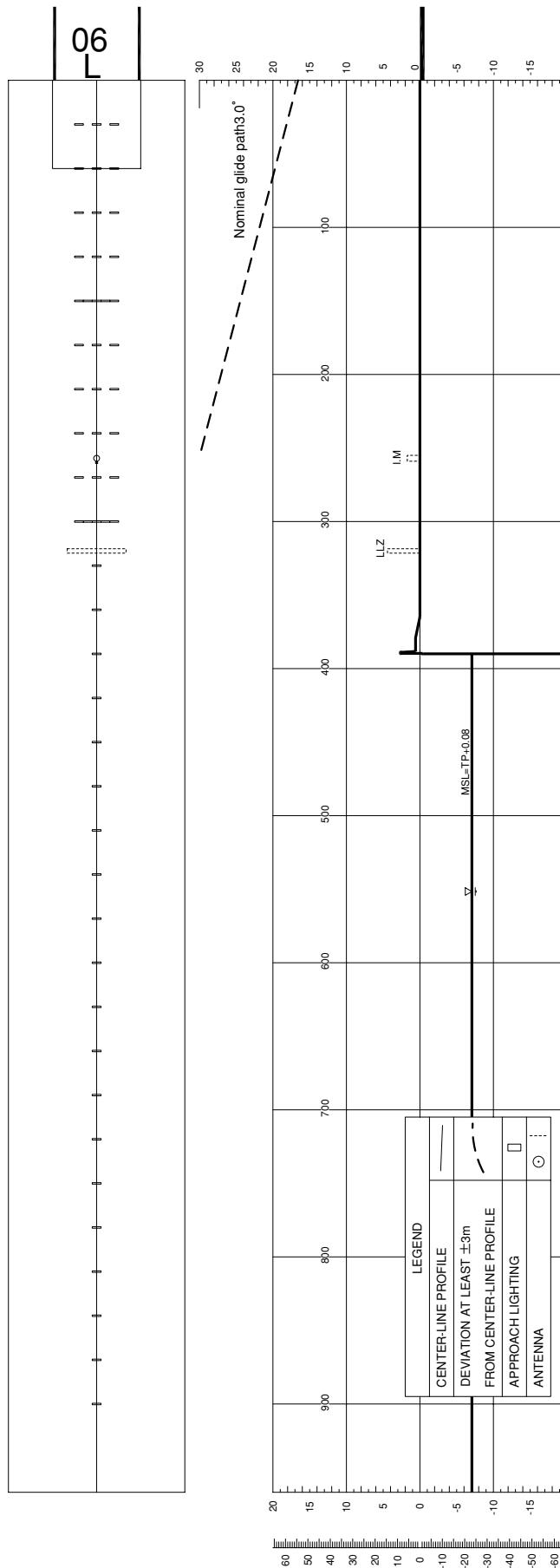
DISTANCES AND HEIGHTS IN METERS

PRECISION APPROACH TERRAIN PROFILE CHART



PRECISION APPROACH TERRAIN PROFILE CHART

DISTANCES AND HEIGHTS IN METERS
RWY 06L

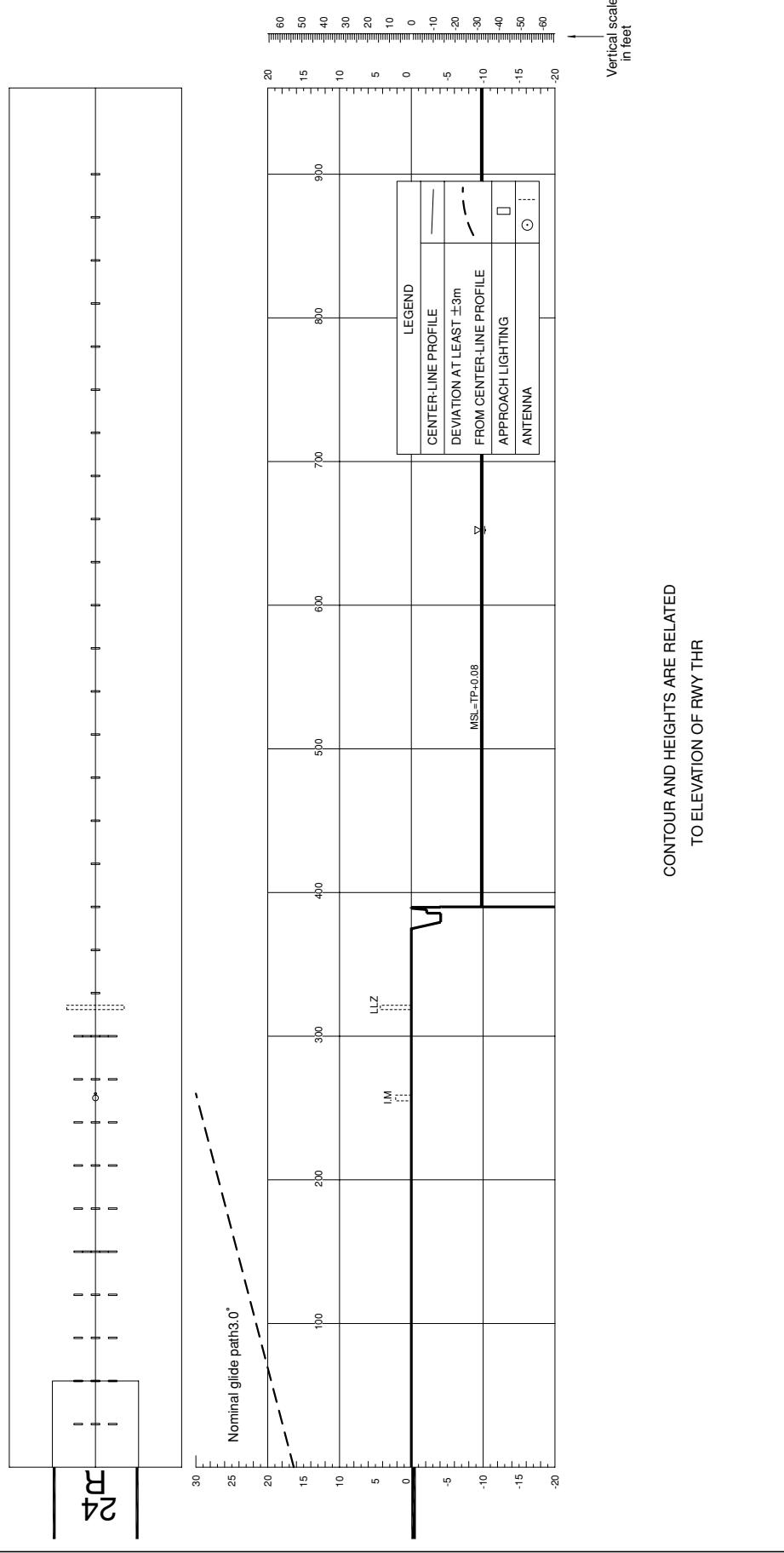


CONTOUR AND HEIGHTS ARE RELATED TO ELEVATION OF RWY THR

PRECISION APPROACH TERRAIN PROFILE CHART

RWY 24R

DISTANCES AND HEIGHTS IN METERS



CONTOUR AND HEIGHTS ARE RELATED
TO ELEVATION OF RWY THR

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,...

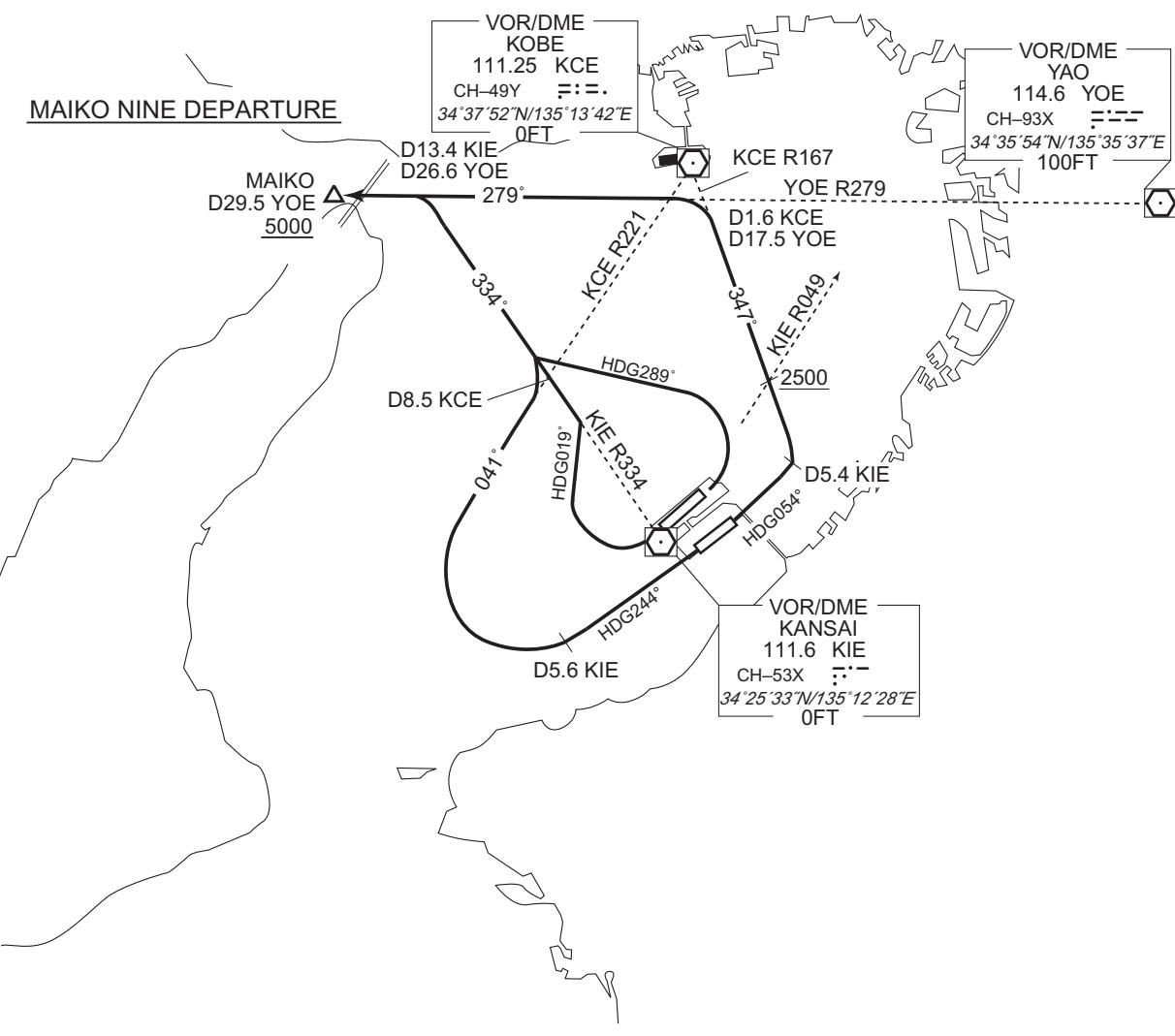
RWY06L : Turn left, climb on HDG289° to intercept and proceed via KIE R334, via YOE R279 to MAIKO,...

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 : PROC. KANSAI VOR/DME relocated(KNE→KIE).



STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

SID

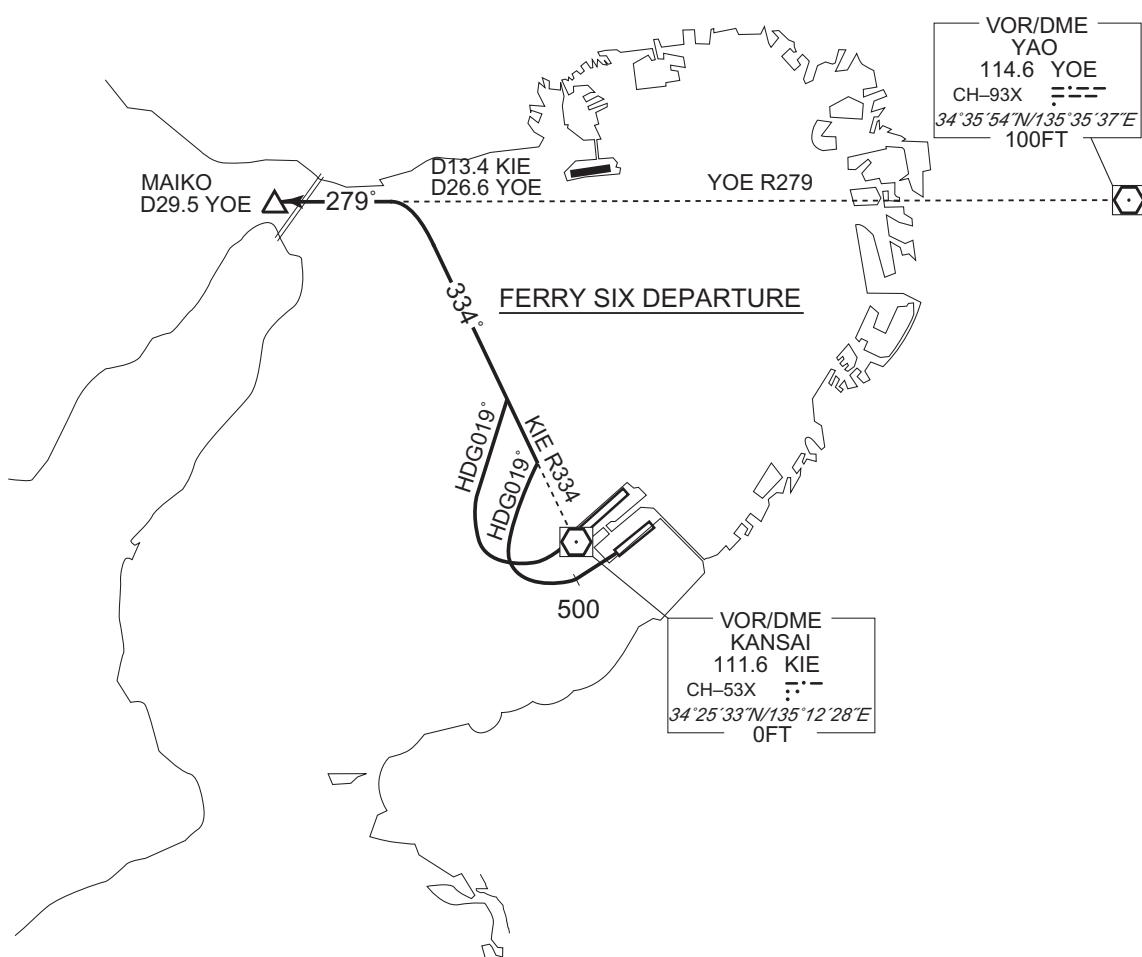
FERRY SIX DEPARTURE

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.

CHANGE : PROC. KANSAI VOR/DME relocated(KNE→KIE). YOE added.



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.

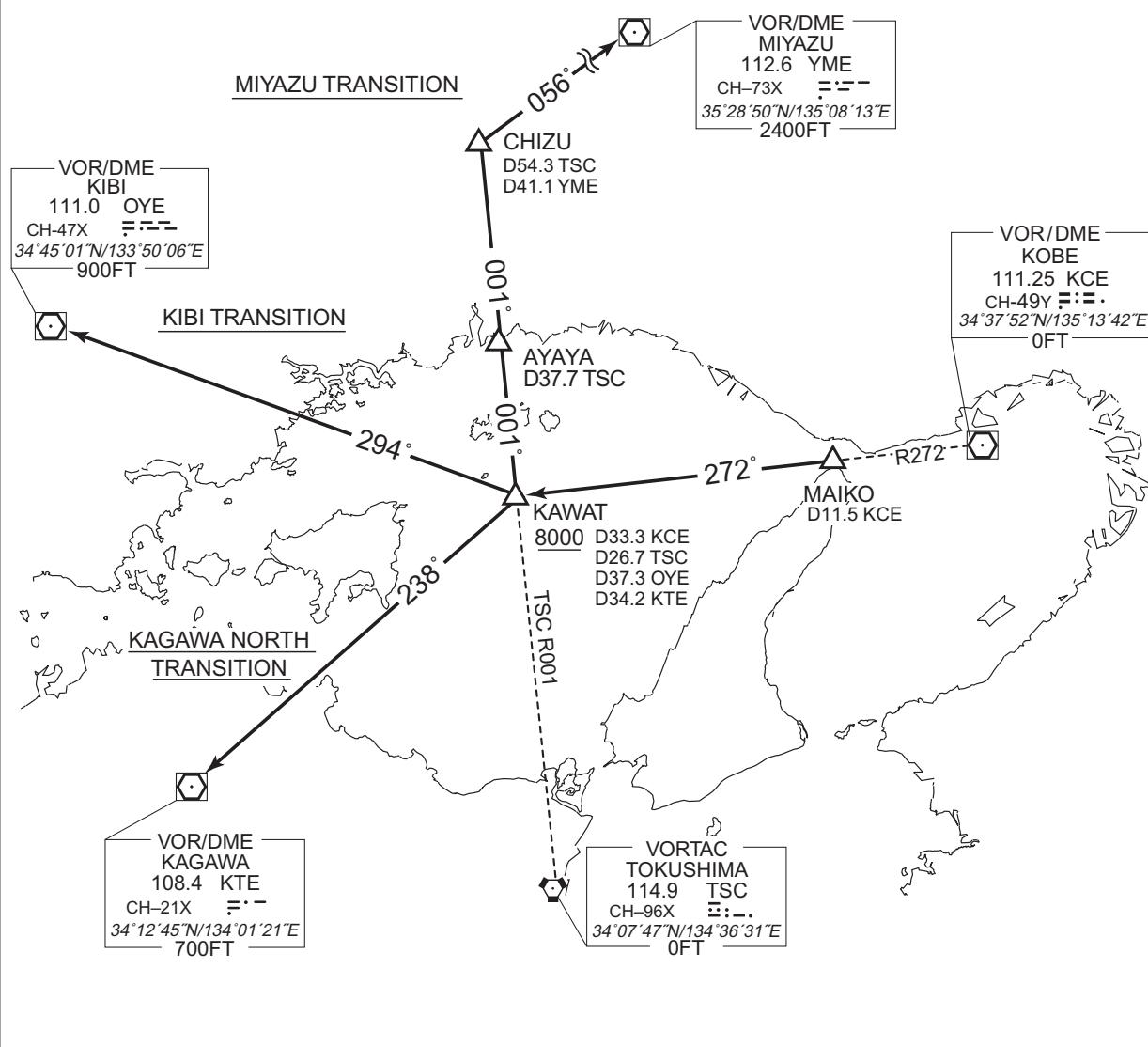
KIBI TRANSITION

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

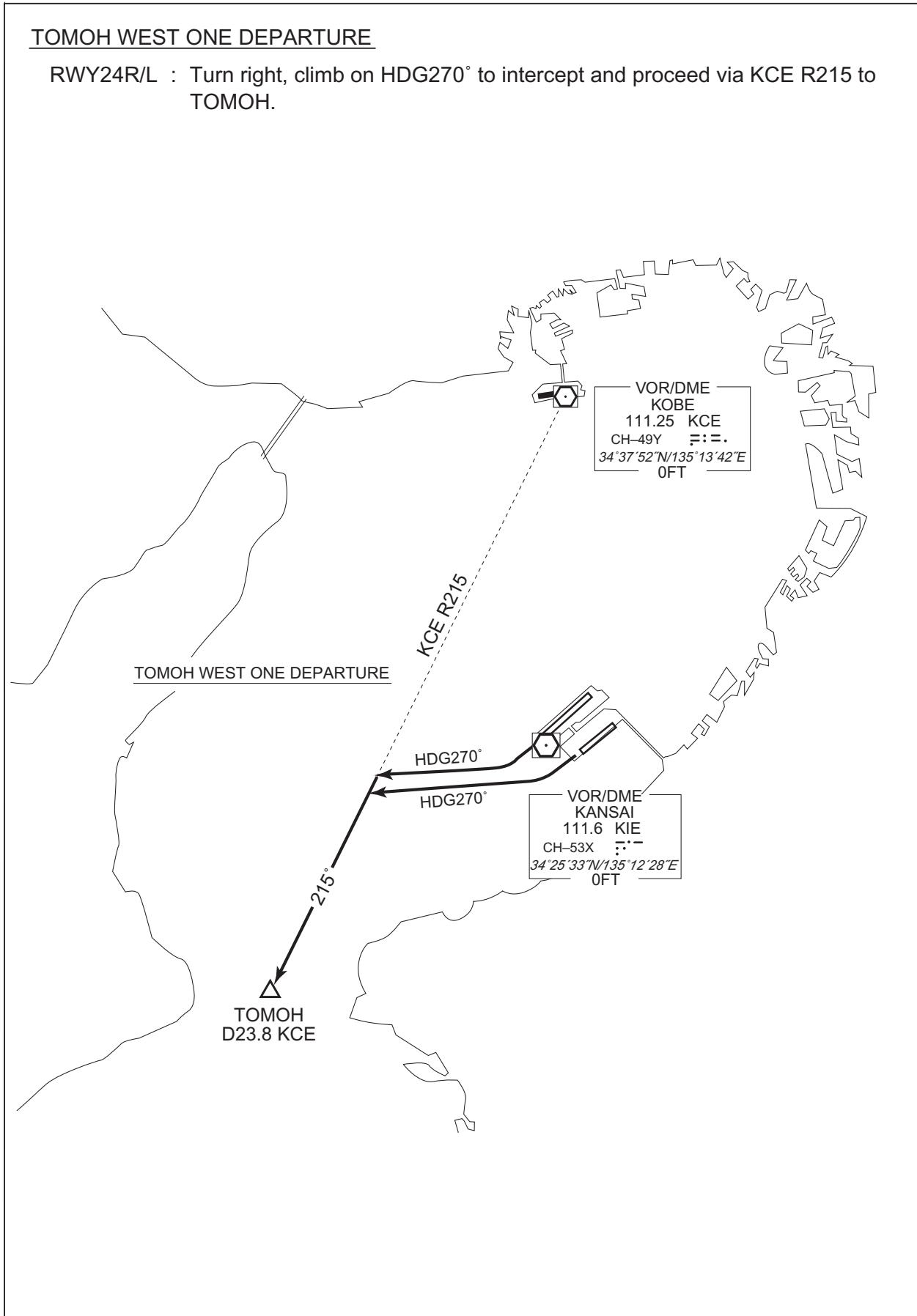
RJBB / KANSAI INTL

SID

TOMOH WEST ONE DEPARTURE

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

CHANGE : KANSAI VOR/DME relocated(KNE→KIE).



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. ...

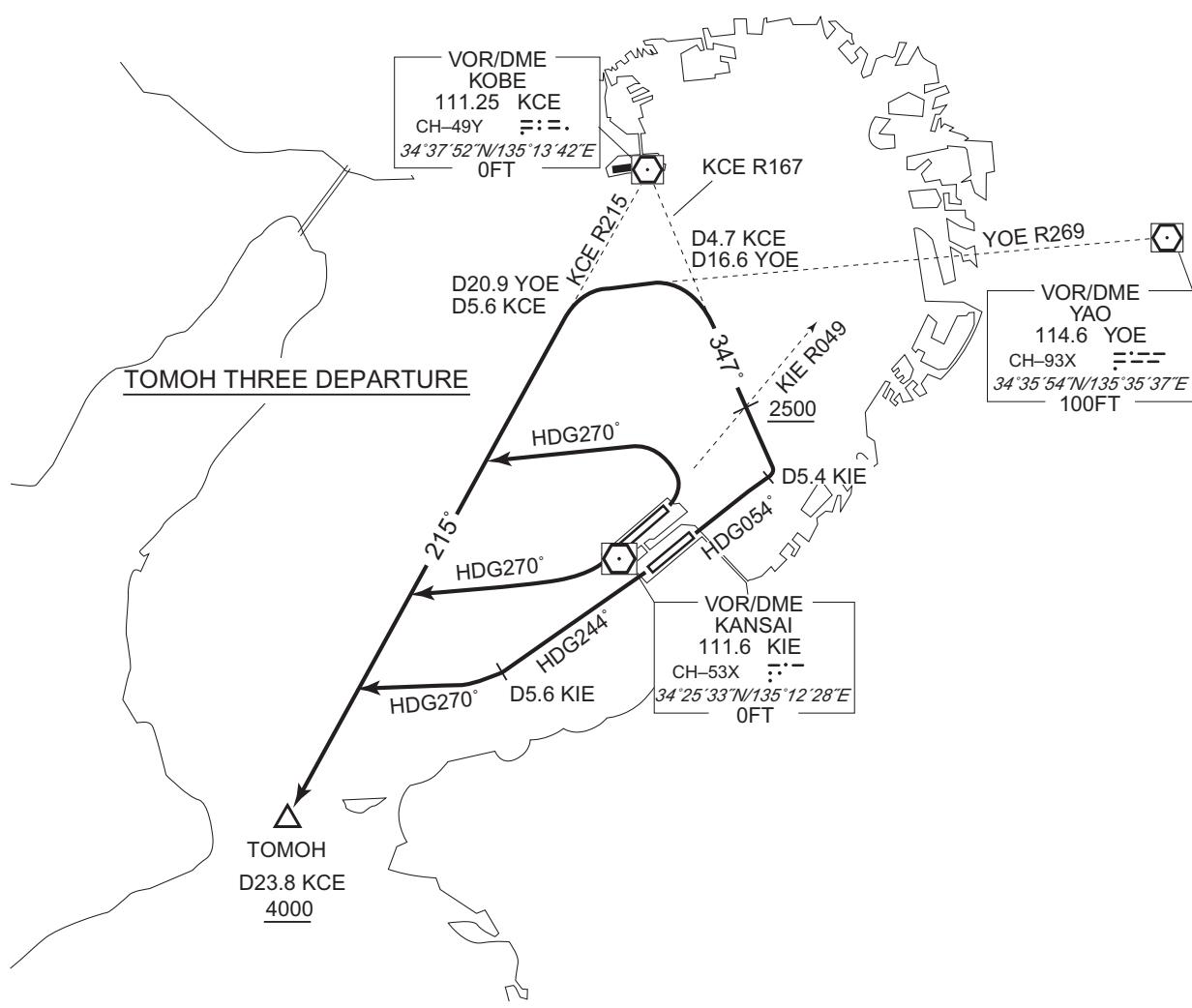
RWY06L : Turn left, climb on HDG270° to intercept and proceed via KCE R215 to TOMOH. ...

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.

CHANGE : PROC renamed. PROC(RWY06R, RWY24L). KANSAI VOR/DME relocated(KNE→KIE).



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.

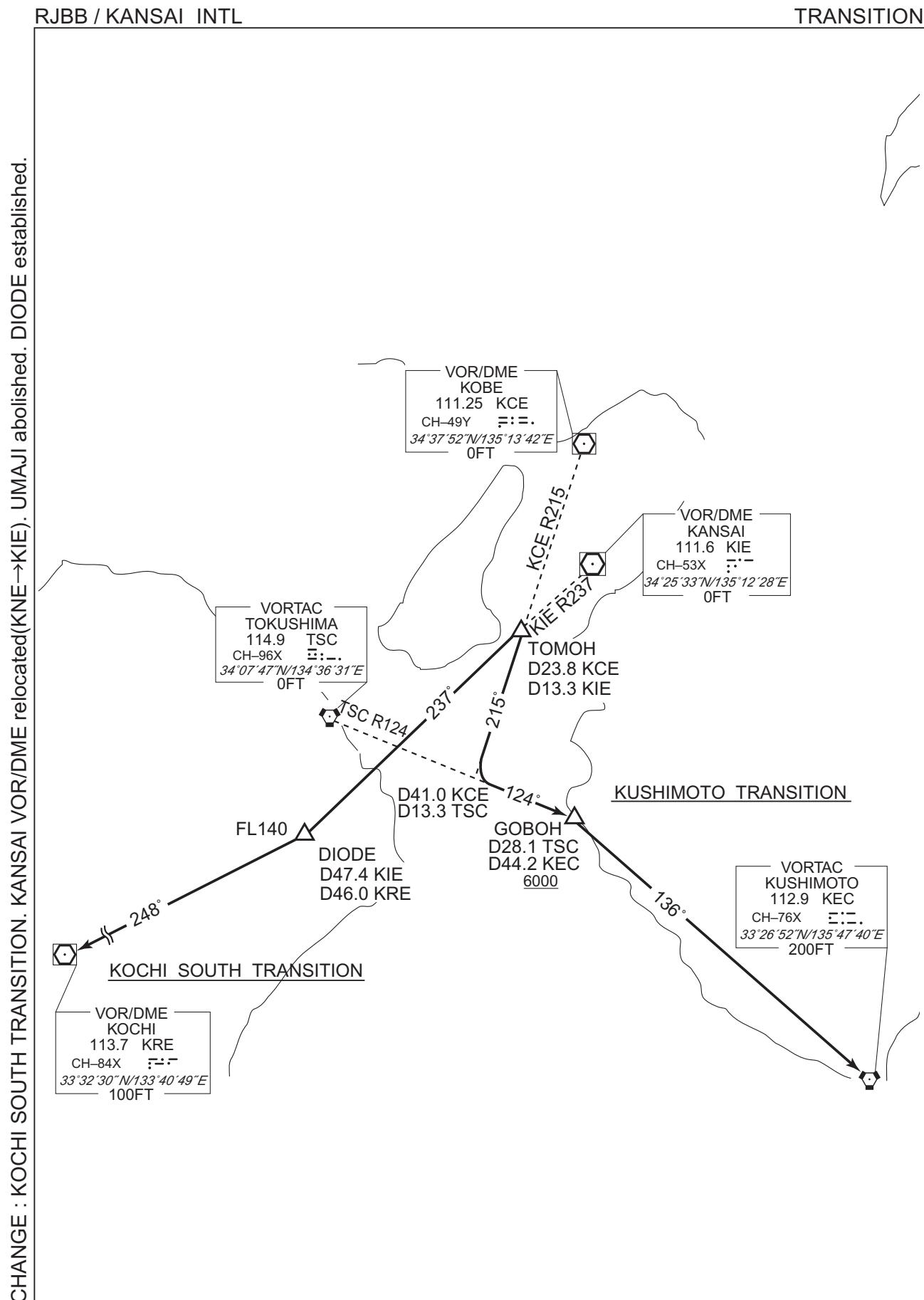
CHANGE : KOCHI SOUTH TRANSITION. KANSAI VOR/DME updated(KNE→KIE).

KUSHIMOTO TRANSITION

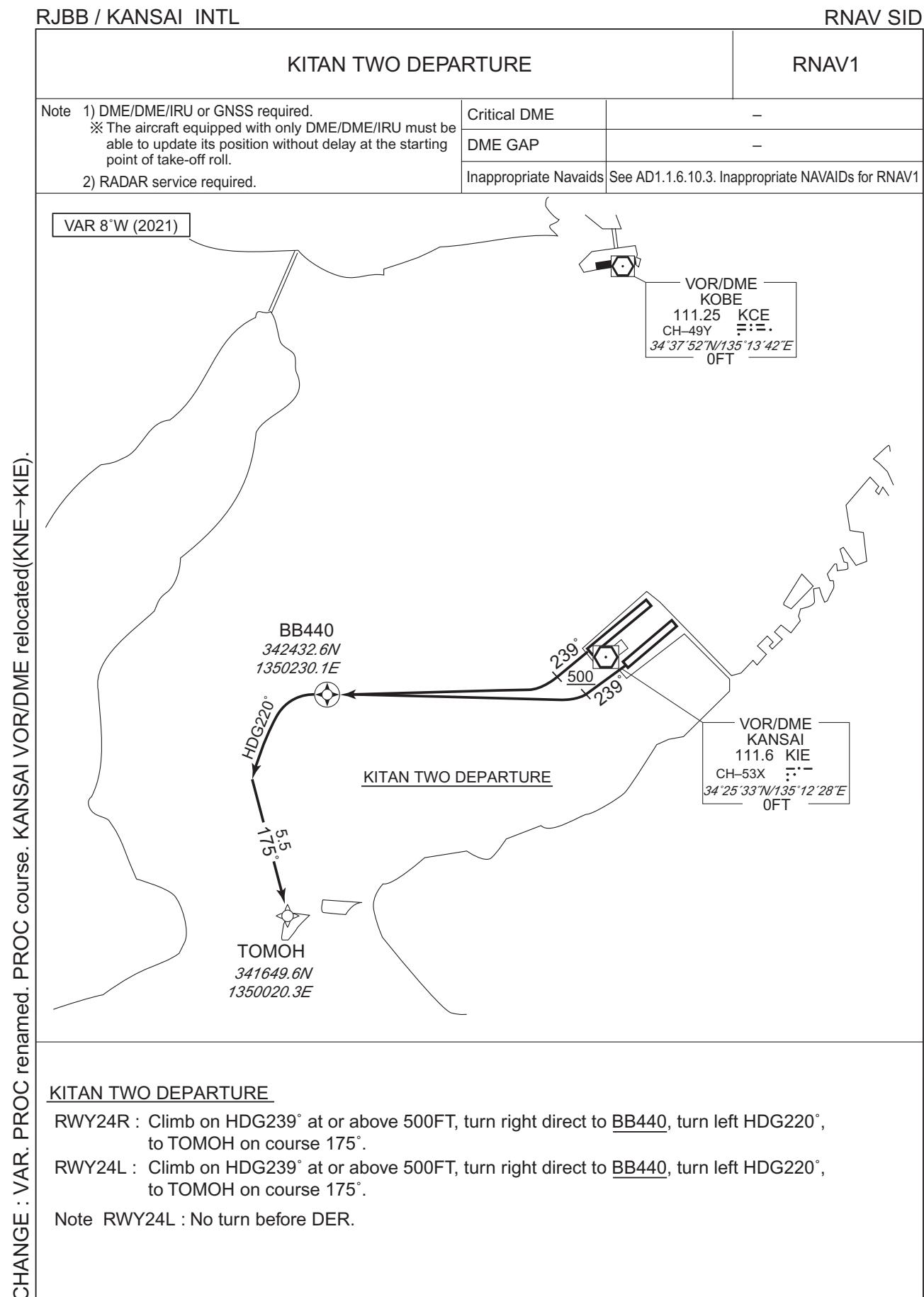
From over TOMOH, proceed via KCE R215 to intercept and proceed via TSC R124 to GOBOH, via KEC R316 to KEC VORTAC.

Cross GOBOH at or above 6000FT.

STANDARD DEPARTURE CHART-INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID

KITAN TWO DEPARTURE

RWY24R

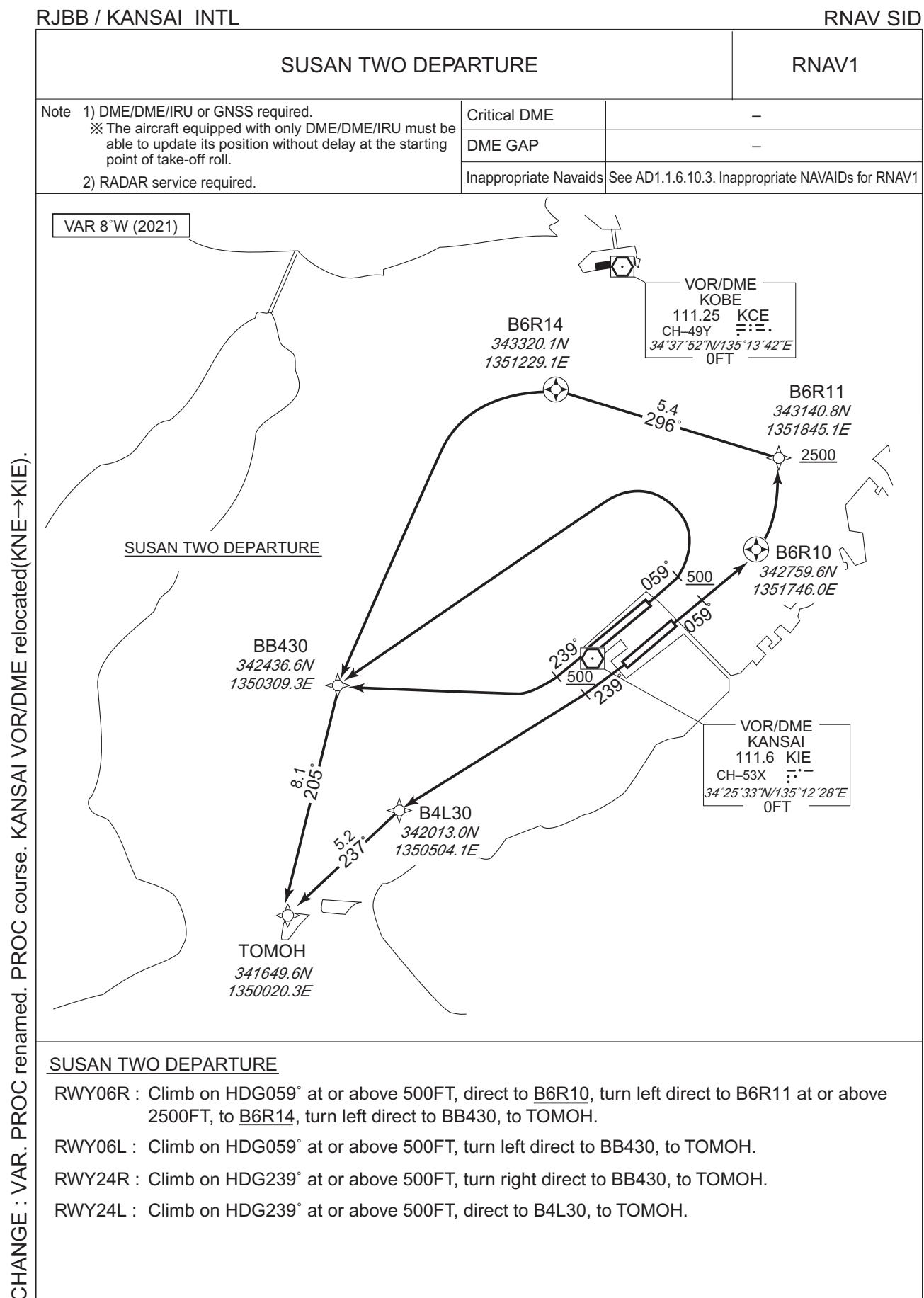
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	BB440	Y	—	-7.9	—	R	—	—	—	RNAV1
003	VI	—	—	220 (211.8)	-7.9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



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

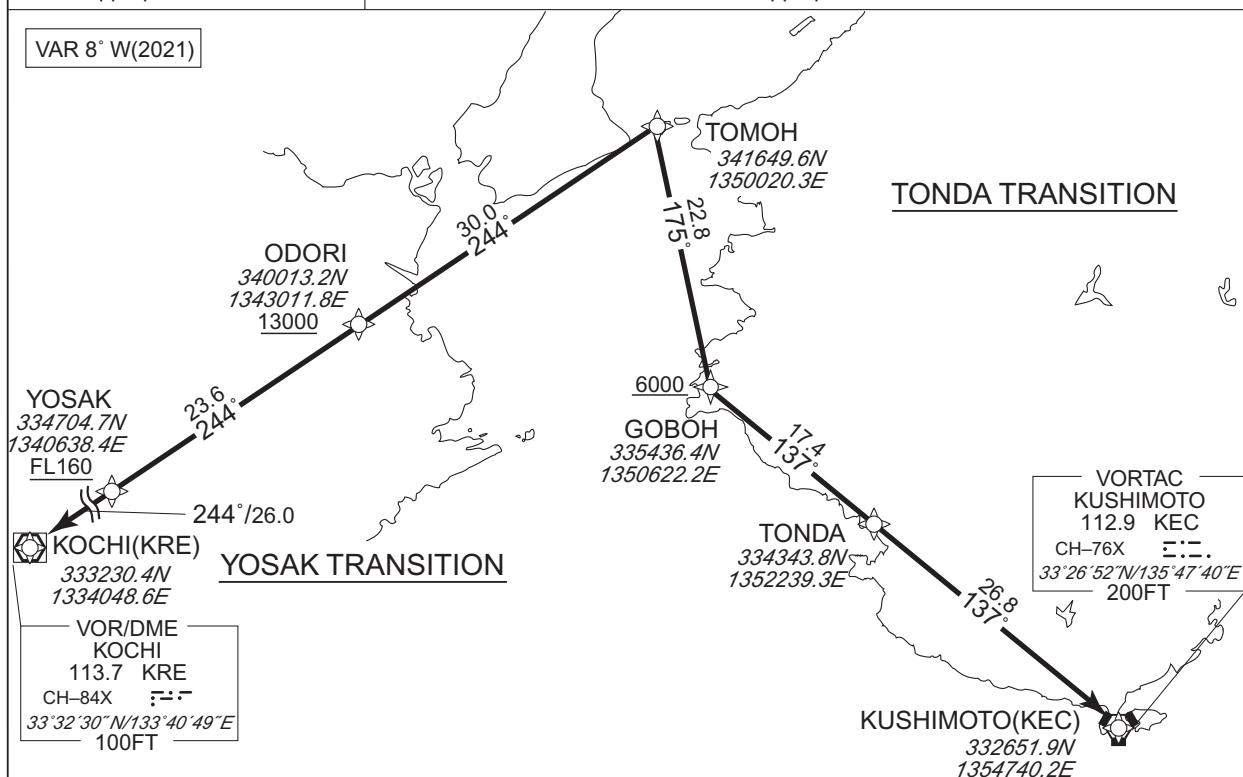
RNAV1

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(2021)

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

CHANGE : VAR. Critical DME.

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

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	—

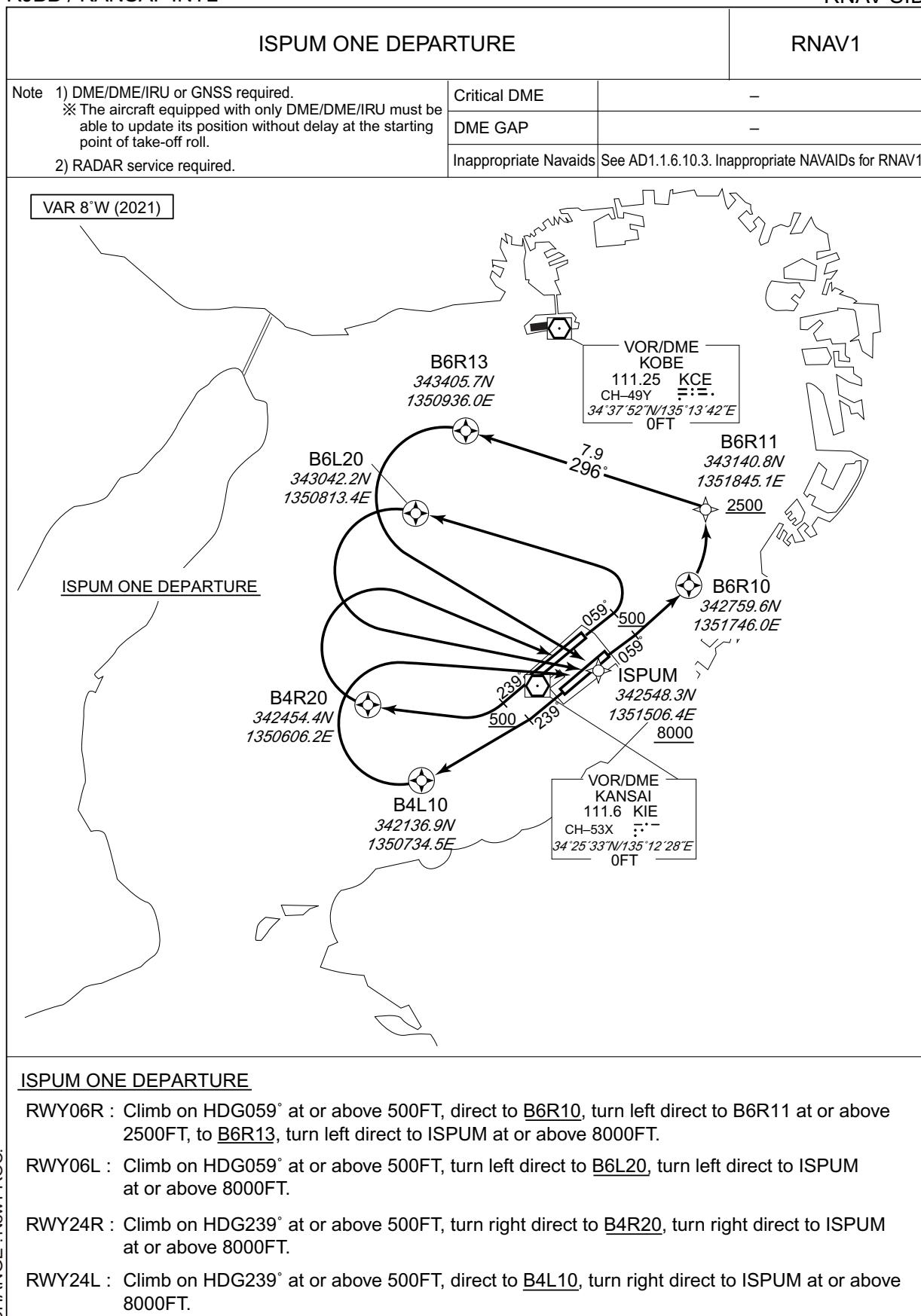
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	TOMOH	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	ODORI	—	244 (236.5)	-7.9	30.0	—	+13000	—	—	RNAV1
003	TF	YOSAK	—	244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

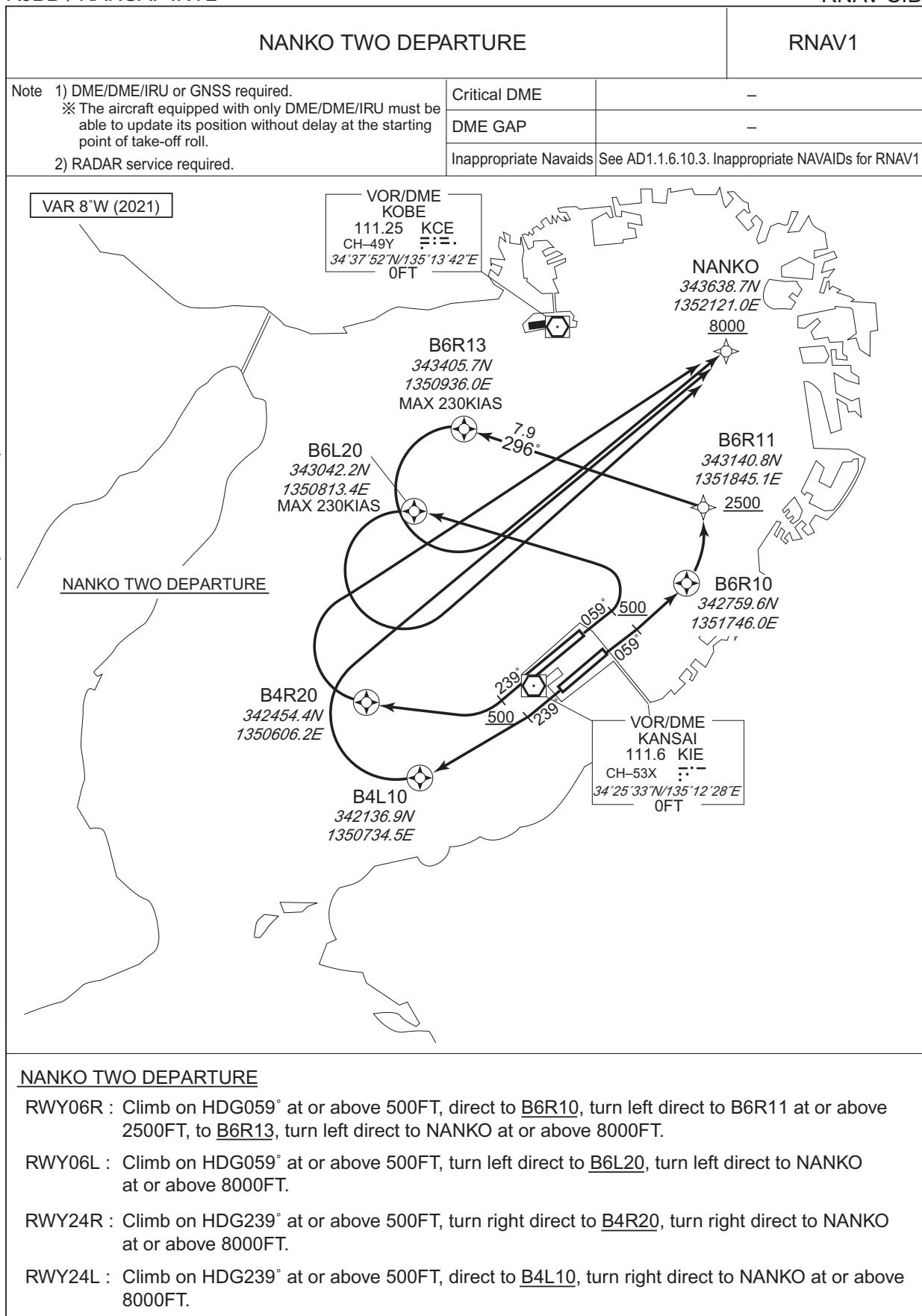
BAMBI TRANSITION / SHTLE TRANSITION / UENOH TRANSITION		RNAV1																																																												
Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required.																																																														
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1																																																													
VAR 8° W(2021)																																																														
BAMBI TRANSITION From ISPUM, to NARAH.																																																														
<table border="1"> <tr> <td>Critical DME</td> <td>—</td> </tr> <tr> <td>DME GAP</td> <td>—</td> </tr> </table>			Critical DME	—	DME GAP	—																																																								
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002	TF	NARAH	—	087 (078.8)	-7.9	21.8	—	—	—	—	RNAV1																																																			
SHTLE TRANSITION From NARAH, to YAGYU, to SHTLE.																																																														
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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																																																			
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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																																																			
UENOH TRANSITION From ISPUM, to NARAH, to UENOH, to GUJYO.																																																														
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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																																																			
003	TF	UENOH	—	061 (052.8)	-7.9	33.5	—	—	—	—	RNAV1																																																			
004	TF	GUJYO	—	036 (028.5)	-7.9	36.1	—	—	—	—	RNAV1																																																			

CHANGE : VAR. PROC course. KANSAI(KNE) abolished. ISPUM established.

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

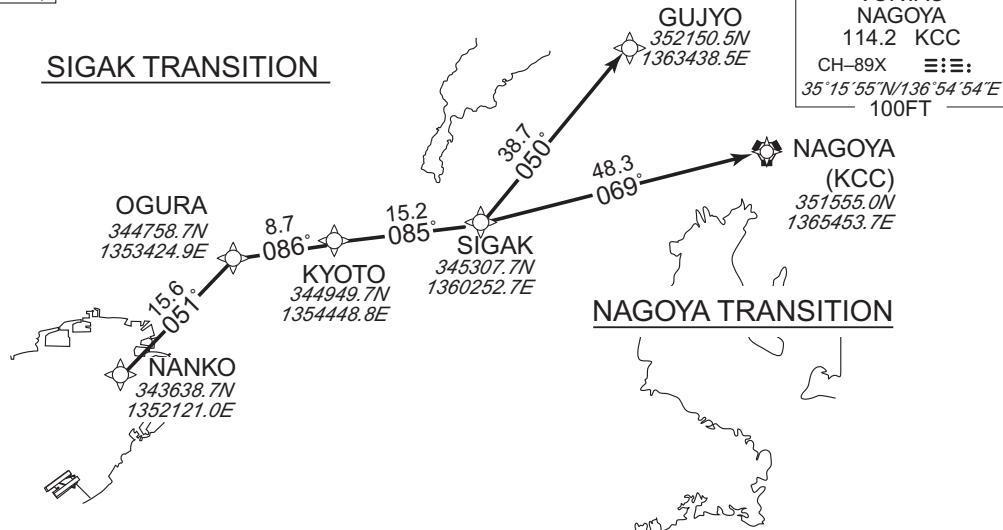
Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required.

Inappropriate Navaids

See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 8° W(2021)

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 : VAR. PROC course.

STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID

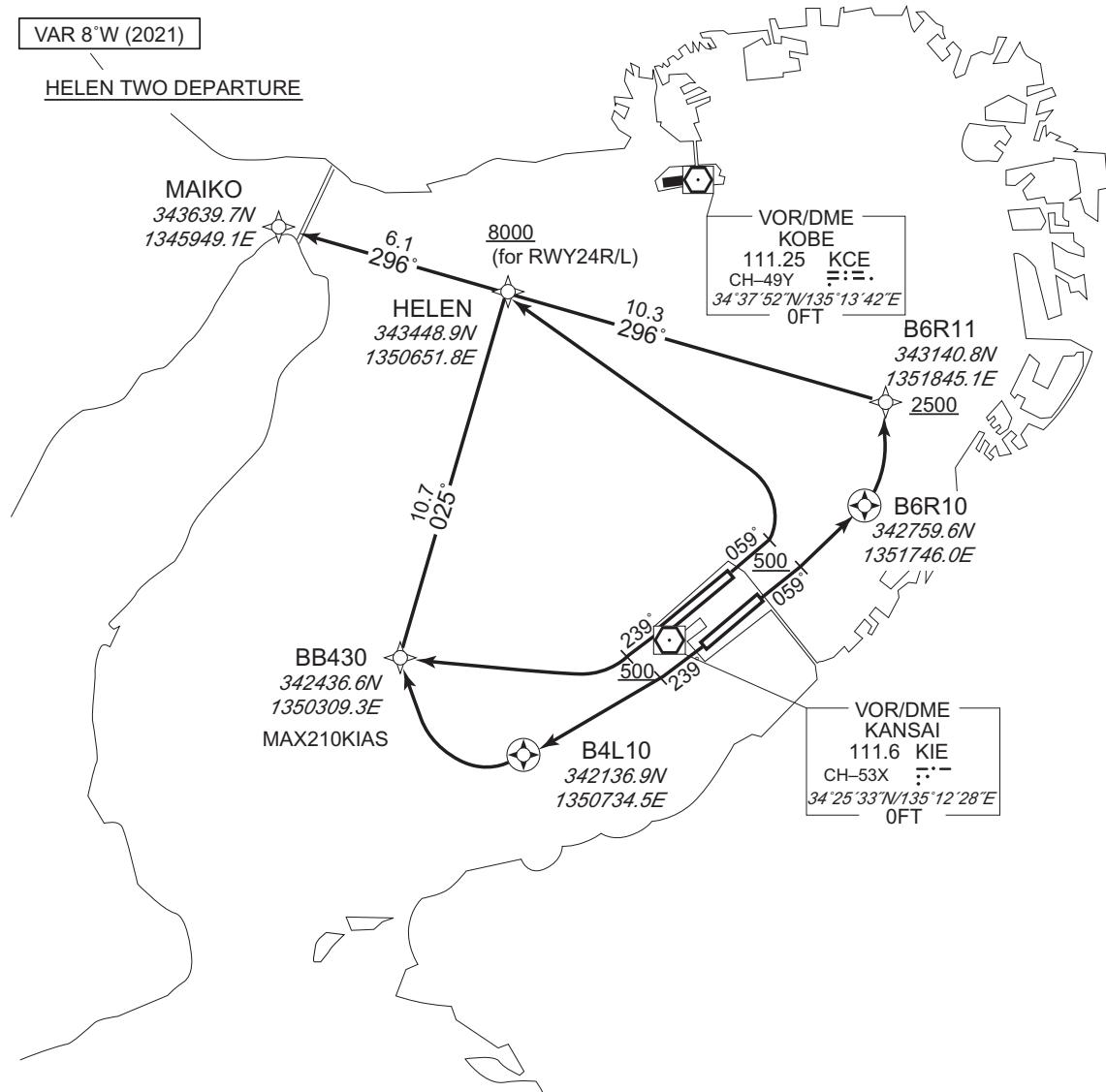
HELEN TWO DEPARTURE

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

VAR 8°W (2021)

HELEN TWO DEPARTURE



CHANGE : VAR. PROC renamed. PROC course. KANSAI VOR/DME relocated(KNE→KIE).

HELEN TWO DEPARTURE

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

IWAYA 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 (2021)

MAIKO
343639.7N
1345949.1E6.1
296°HELEN
343448.9N
1350651.8E
8000VOR/DME
KOB
111.25 KCE
CH-49Y =:=.
34°37'52"N/135°13'42"E
0FT

IWAYA TWO DEPARTURE

BB430
342436.6N
1350309.3E10.7
025°VOR/DME
KAN
111.6 KIE
CH-53X :-:
34°25'33"N/135°12'28"E
0FT

CHANGE : VAR. PROC renamed. PROC course. KANSAI VOR/DME relocated(KNE→KIE).

IWAYA TWO DEPARTURE

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, turn right direct to BB430, to HELEN at or above 8000FT, to MAIKO.

Note RWY24L : No turn before DER.

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

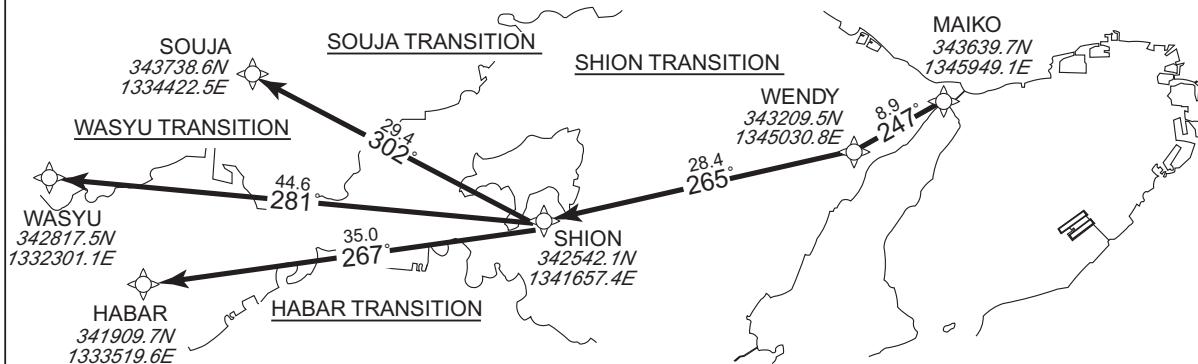
RNAV1

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(2021)



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 : VAR. PROC course.

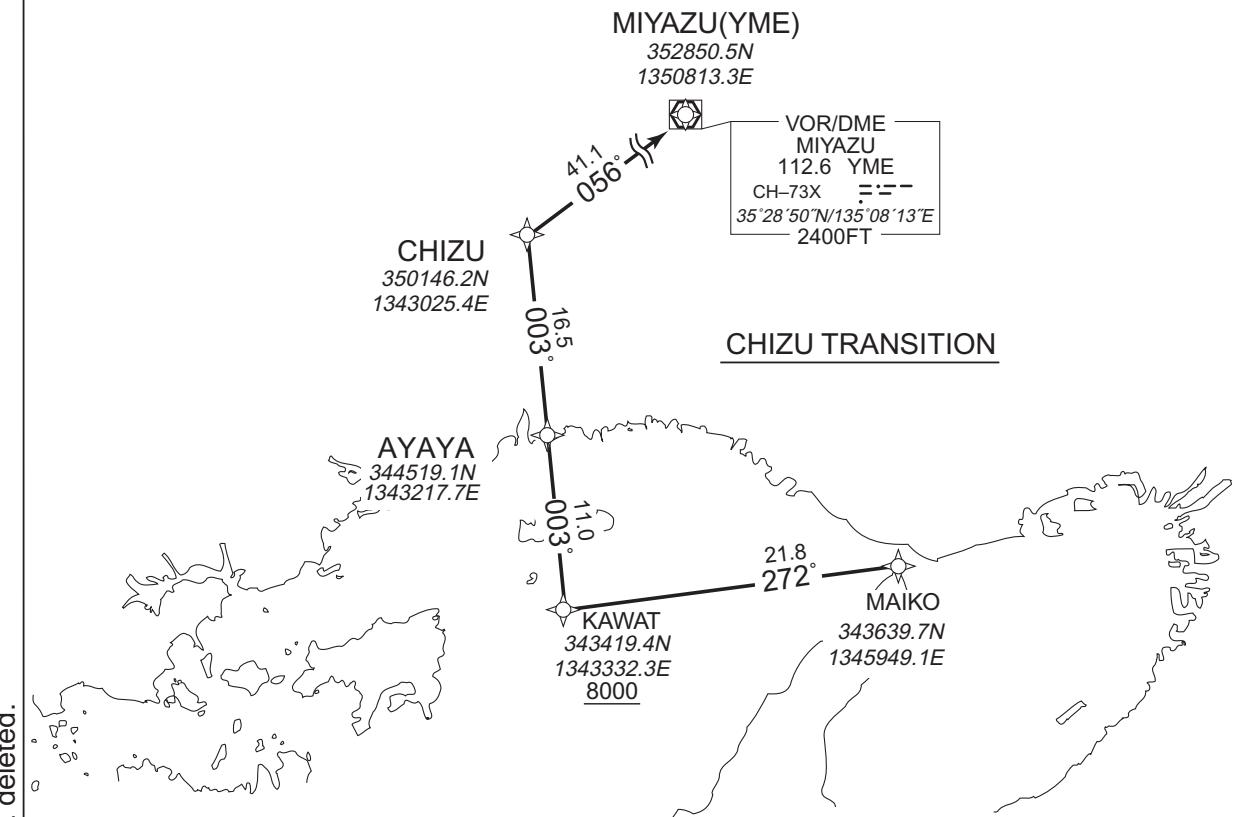
STANDARD DEPARTURE CHART - INSTRUMENT

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(2021)



CHANGE : VAR. PROC course. Critical DME deleted.

CHIZU TRANSITION

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

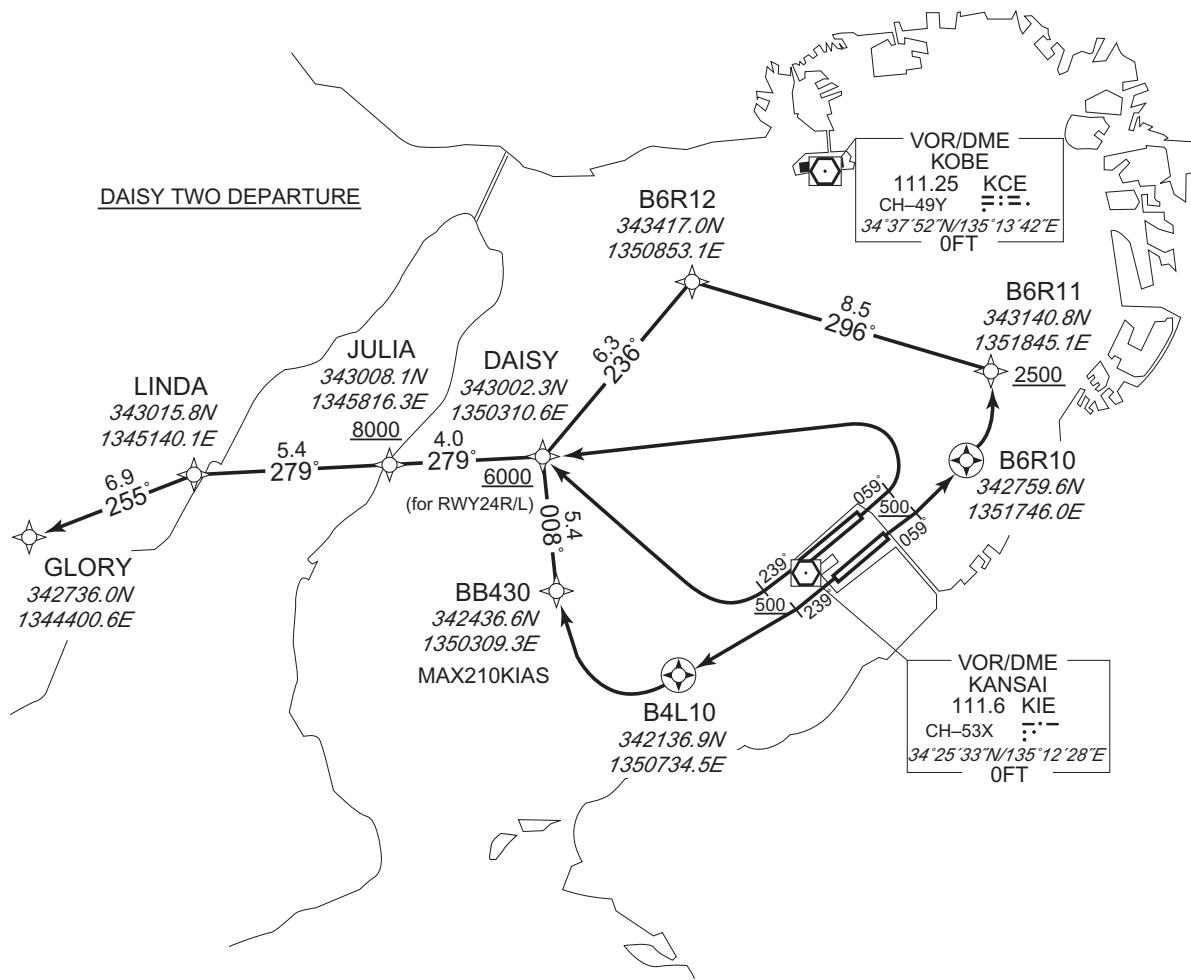
DAISY TWO DEPARTURE

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 (2021)



CHANGE : VAR. PROC renamed. PROC course. KANSAI VOR/DME relocated(KNE→KIE).

DAISY TWO DEPARTURE

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

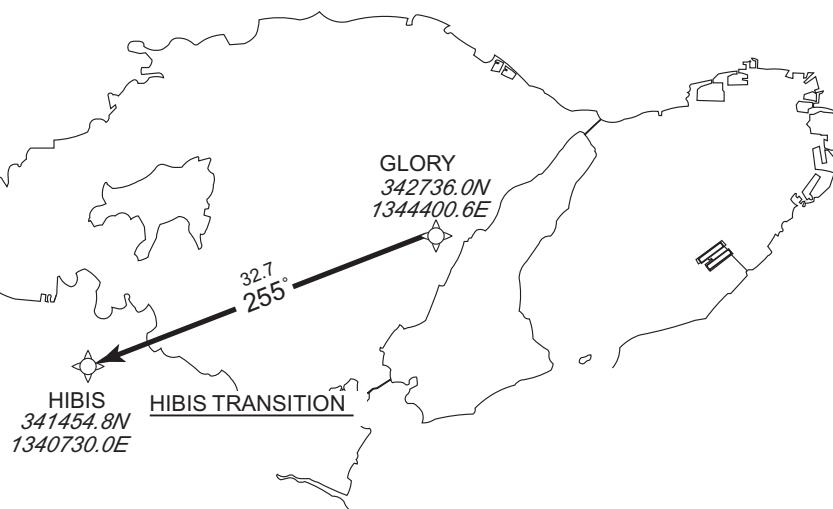
RNAV1

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

Inappropriate Navaids

See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 8° W(2021)



HIBIS TRANSITION

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 : VAR. Course FM GLORY to HIBIS.

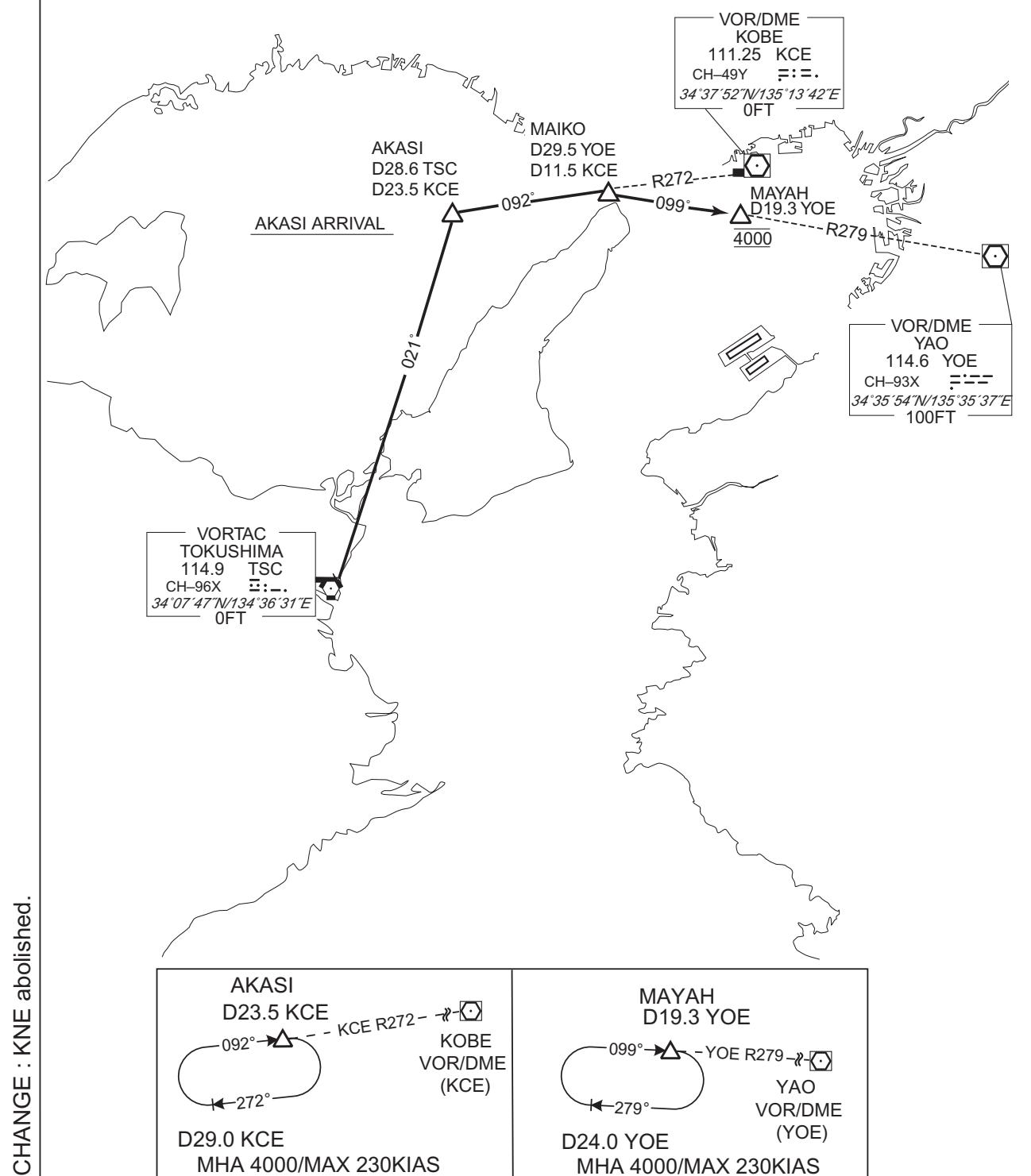
STANDARD ARRIVAL CHART - INSTRUMENT

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

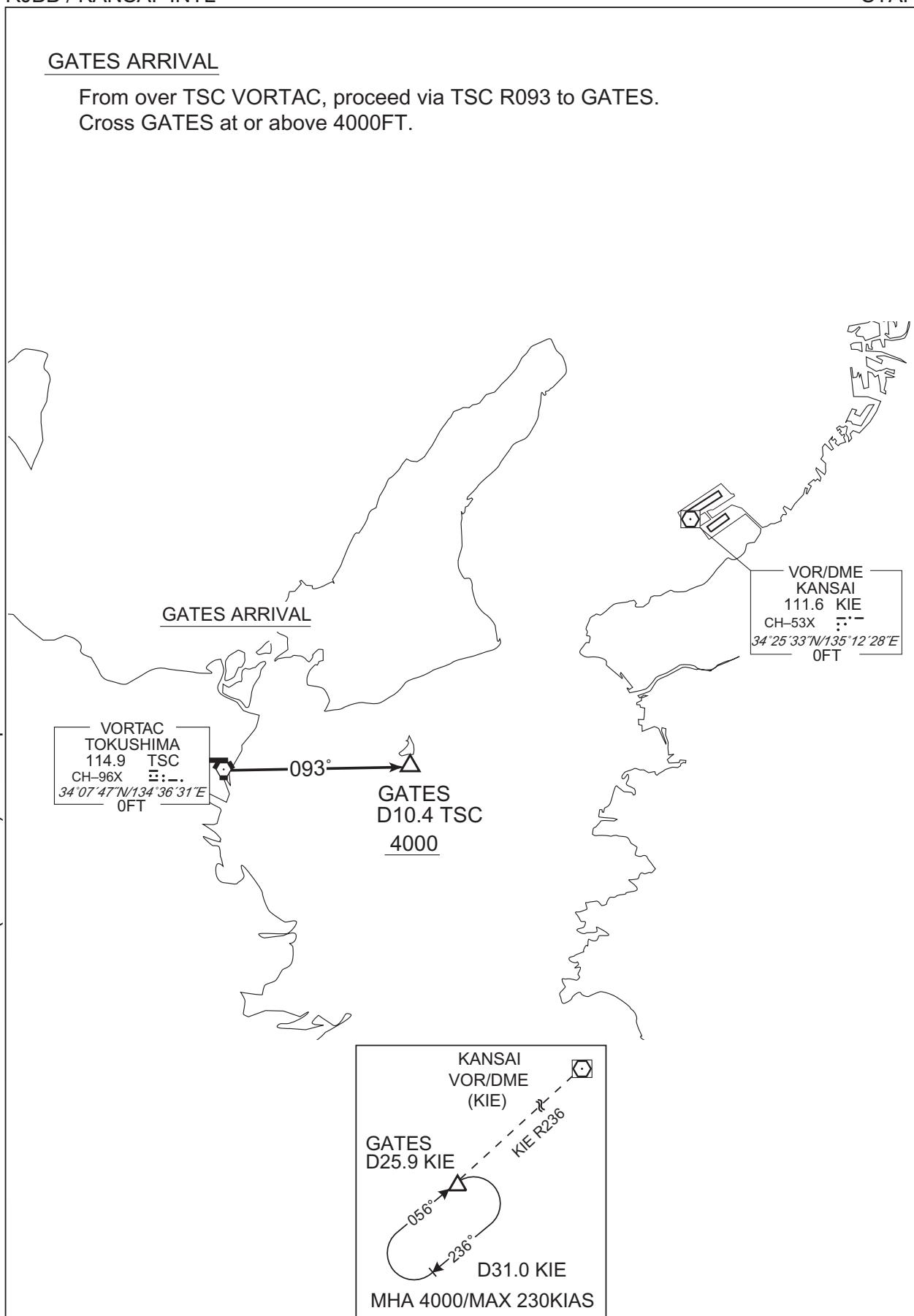
RJBB / KANSAI INTL

STAR

GATES ARRIVAL

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

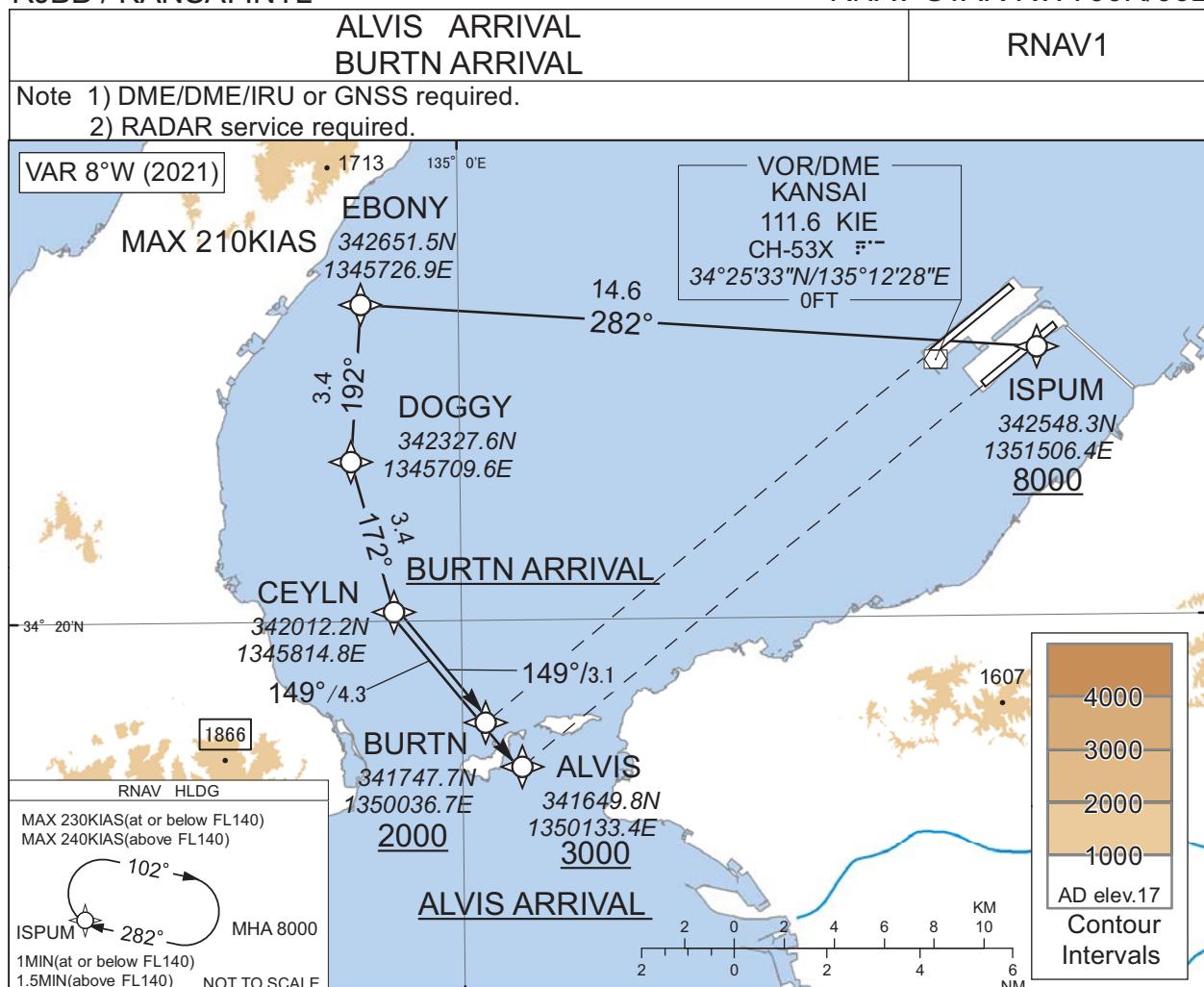
CHANGE : KANSAI VOR/DME relocated(KNE→KIE). HLDG pattern.



STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY06R/06L



ALVIS ARRIVAL

From ISPU 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	ISPU	-	-	-7.9	-	-	+8000	-	-	RNAV1
002	TF	EBONY	-	282 (274.2)	-7.9	14.6	-	-	-210	-	RNAV1
003	TF	DOGGY	-	192 (184.0)	-7.9	3.4	-	-	-	-	RNAV1
004	TF	CEYLN	-	172 (164.6)	-7.9	3.4	-	-	-	-	RNAV1
005	TF	ALVIS	-	149 (141.0)	-7.9	4.3	-	+3000	-	-	RNAV1

CHANGE : New PROC.

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	-	-	-7.9	-	-	+8000	-	-	RNAV1
002	TF	EBONY	-	282 (274.2)	-7.9	14.6	-	-	-210	-	RNAV1
003	TF	DOGGY	-	192 (184.0)	-7.9	3.4	-	-	-	-	RNAV1
004	TF	CEYLN	-	172 (164.6)	-7.9	3.4	-	-	-	-	RNAV1
005	TF	BURTN	-	149 (141.0)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	-	R	8000	-	-230(-14000) -240(+14001)	RNAV1

CHANGE : New PROC.

STANDARD ARRIVAL CHART - INSTRUMENT

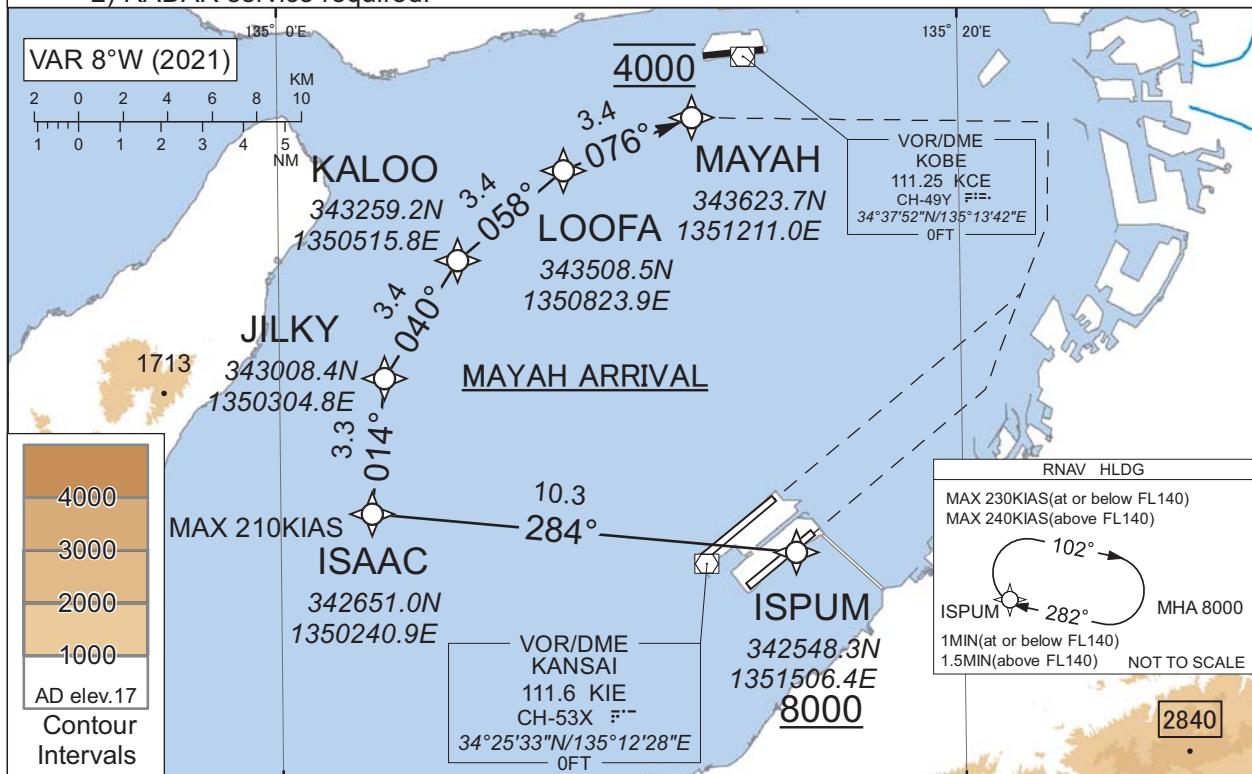
RJBB / KANSAI INTL

RNAV STAR RWY24R/24L

MAYAH ARRIVAL

RNAV1

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



MAYAH ARRIVAL

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	-	-	-7.9	-	-	+8000	-	-	RNAV1
002	TF	ISAAC	-	284 (275.9)	-7.9	10.3	-	-	-210	-	RNAV1
003	TF	JILKY	-	014 (005.7)	-7.9	3.3	-	-	-	-	RNAV1
004	TF	KALOO	-	040 (032.3)	-7.9	3.4	-	-	-	-	RNAV1
005	TF	LOOFA	-	058 (050.1)	-7.9	3.4	-	-	-	-	RNAV1
006	TF	MAYAH	-	076 (068.1)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	-	R	8000	-	-230(-14000) -240(+14001)	RNAV1

CHANGE : New PROC.

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.

VAR8° W(2021)

VOR/DME
KOB
111.25 KCE
CH-49Y
34°37'52"N/135°13'42"E
0FT

VOR/DME
KANSAI
111.6 KIE
CH-53X
34°25'33"N/135°12'28"E
0FT

DANDE BRAVO ARRIVAL

BERRY

341502.0N
1345631.6E

4000

ALLAN
4000
341404.1N
1345728.3E

JOLLY 6000
340900.6N
1350225.6E

DANDE ALFA ARRIVAL

DANDE
341309.4N
1352433.9E

RNAV HLDG
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)
DANDE
270°
090°
MHA 8000
1MIN(at or below FL140)
1.5MIN(above FL140)

DME
GOBOH
1203 GBD
CH-116X
33°54'37"N/135°06'22"E
1000FT

CHANGE : COORD and ELEV of GBD.

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	OKT : 16.0NM to JOLLY - 14.0NM to JOLLY TZA : 14.0NM to JOLLY - 13.0NM to JOLLY 4.0NM to JOLLY - ALLAN GBD : DANDE - ALLAN
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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	JOLLY	—	265 (257.3)	-7.9	18.8	—	+6000	—	—	RNAV1
003	TF	ALLAN	—	329 (321.0)	-7.9	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)	-7.9	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	OKT : 16.0NM to JOLLY - 14.0NM to JOLLY TZA : 14.0NM to JOLLY - 13.0NM to JOLLY 4.0NM to JOLLY - BERRY GBD : DANDE - BERRY
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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	JOLLY	—	265 (257.3)	-7.9	18.8	—	+6000	—	—	RNAV1
003	TF	BERRY	—	329 (321.0)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	L	8000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR.

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(2021)

DME
AWAJI
1190 AJD
CH-103X 
34°16'13"N/134°42'47"E
900FT

AWAJI
341613.1M
1344246.6E
7000

17.1
058°
9.4
335°
GATES
340821.4N
1344902.6E

LILAC
342710.7N
1345842.0E

MAYAH
343623.
1351211.

1000

VOR/DME —
KOBE
11.25 KCE
-49Y $\ddot{\text{.}} = \text{.}$
52°N/135°13'42"E
- OFT —

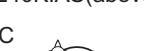
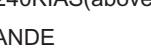
VOR/DME
KANSAI
111.6 KIE
CH-53X : -
34°25'33"N 135°12'28"E
0FT

DANDE
341309.4N
1352433.9E

DANDE CHARLIE ARRIVAL

DME
GOBOH
1203 GBD
CH-116X 
33°54'37"N 135°06'22"E
1000FT

CHANGE : COORD and ELEV of GBD.

RNAV HLDG	RNAV HLDG
MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140)	MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140)
LILAC  MHA 3000	DANDE  MHA 8000

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	OKT : 16.0NM to JOLLY - 14.0NM to JOLLY TZT : 14.0NM to JOLLY - 13.0NM to JOLLY 4.0NM to JOLLY - 8.0NM to GATES 7.0NM to GATES - GATES 8.0NM to AWAJI - 11.0NM to LILAC	GBD : DANDE - 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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	JOLLY	—	265 (257.3)	-7.9	18.8	—	+8000	—	—	RNAV1
003	TF	GATES	—	275 (266.7)	-7.9	11.1	—	—	—	—	RNAV1
004	TF	AWAJI	—	335 (326.6)	-7.9	9.4	—	+7000	—	—	RNAV1
005	TF	LILAC	—	058 (050.1)	-7.9	17.1	—	—	—	—	RNAV1
006	TF	MAYAH	—	058 (050.3)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	L	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	LILAC	057 (049.2)	-7.9	1.0(-14000) 1.5(+14001)	—	R	3000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. PROC course.

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		AJD : 12.0NM to NALTO - 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	ALISA	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	TANTA	—	140 (132.3)	-7.9	21.7	—	+6000	—	—	RNAV1
003	TF	NALTO	—	126 (118.4)	-7.9	14.8	—	—	—	—	RNAV1
004	TF	ASAMI	—	111 (103.0)	-7.9	4.7	—	—	—	—	RNAV1
005	TF	BAGLE	—	058 (049.9)	-7.9	4.5	—	—	—	—	RNAV1
006	TF	ALLAN	—	058 (049.9)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	10000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-7.9	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	AJD : 12.0NM to NALTO - 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	ALISA	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	TANTA	—	140 (132.3)	-7.9	21.7	—	+6000	—	—	RNAV1
003	TF	NALTO	—	126 (118.4)	-7.9	14.8	—	—	—	—	RNAV1
004	TF	ASAMI	—	111 (103.0)	-7.9	4.7	—	—	—	—	RNAV1
005	TF	BAGLE	—	058 (049.9)	-7.9	4.5	—	—	—	—	RNAV1
006	TF	BERRY	—	044 (036.0)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	10000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. 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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	EVIAN	—	057 (049.5)	-7.9	7.0	—	+6000	—	—	RNAV1
003	TF	ASAMI	—	057 (049.6)	-7.9	12.8	—	—	—	—	RNAV1
004	TF	BAGLE	—	058 (049.9)	-7.9	4.5	—	—	—	—	RNAV1
005	TF	ALLAN	—	058 (049.9)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-7.9	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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	EVIAN	—	057 (049.5)	-7.9	7.0	—	+6000	—	—	RNAV1
003	TF	ASAMI	—	057 (049.6)	-7.9	12.8	—	—	—	—	RNAV1
004	TF	BAGLE	—	058 (049.9)	-7.9	4.5	—	—	—	—	RNAV1
005	TF	BERRY	—	044 (036.0)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. Critical DME deleted.

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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	DATIS	—	012 (003.9)	-7.9	6.4	—	+6000	—	—	RNAV1
003	TF	ALLAN	—	012 (003.9)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	L	9000	—	-230(-14000) -240(+14001)	RNAV1
Hold	DATIS	307 (298.6)	-7.9	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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	DATIS	—	012 (003.9)	-7.9	6.4	—	+6000	—	—	RNAV1
003	TF	BERRY	—	009 (000.9)	-7.9	16.2	—	+4000	—	—	RNAV1

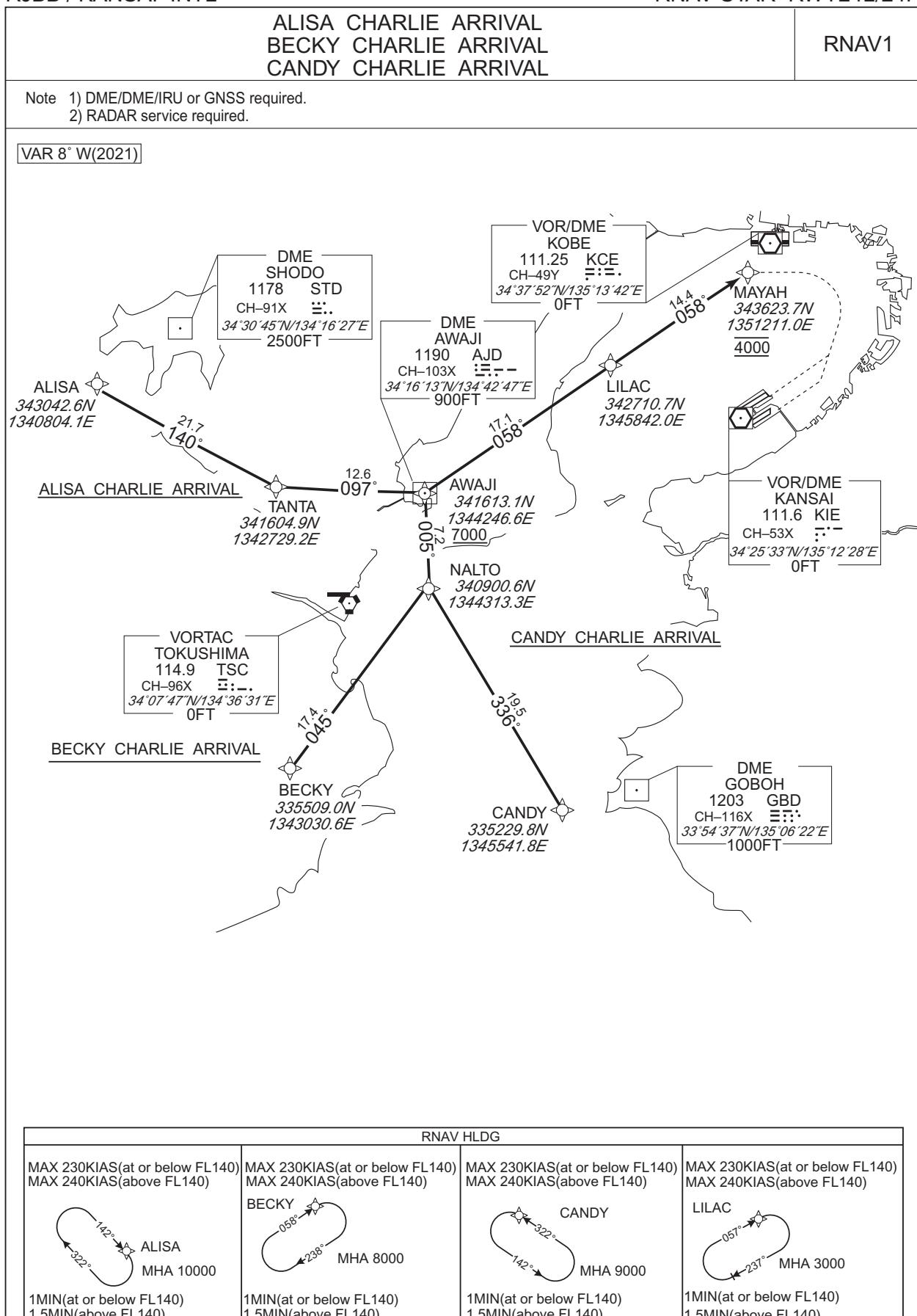
Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	CANDY	322 (313.8)	-7.9	1.0(-14000) 1.5(+14001)	—	L	9000	—	-230(-14000) -240(+14001)	RNAV1
Hold	DATIS	307 (298.6)	-7.9	1.0(-14000) 1.5(+14001)	—	L	6000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. Critical DME(CANDY BRAVO ARRIVAL) deleted. HLDG course(DATIS).

STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R



CHANGE : COORD and ELEV of GBD.

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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	TANTA	—	140 (132.3)	-7.9	21.7	—	—	—	—	RNAV1
003	TF	AWAJI	—	097 (089.3)	-7.9	12.6	—	+7000	—	—	RNAV1
004	TF	LILAC	—	058 (050.1)	-7.9	17.1	—	—	—	—	RNAV1
005	TF	MAYAH	—	058 (050.3)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	10000	—	-230(-14000) -240(+14001)	RNAV1
Hold	LILAC	057 (049.2)	-7.9	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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	NALTO	—	045 (037.2)	-7.9	17.4	—	—	—	—	RNAV1
003	TF	AWAJI	—	005 (357.1)	-7.9	7.2	—	+7000	—	—	RNAV1
004	TF	LILAC	—	058 (050.1)	-7.9	17.1	—	—	—	—	RNAV1
005	TF	MAYAH	—	058 (050.3)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	LILAC	057 (049.2)	-7.9	1.0(-14000) 1.5(+14001)	—	R	3000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. Critical DME(ALISA CHARLIE ARRIVAL).

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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	NALTO	—	336 (328.0)	-7.9	19.5	—	—	—	—	RNAV1
003	TF	AWAJI	—	005 (357.1)	-7.9	7.2	—	+7000	—	—	RNAV1
004	TF	LILAC	—	058 (050.1)	-7.9	17.1	—	—	—	—	RNAV1
005	TF	MAYAH	—	058 (050.3)	-7.9	14.4	—	4000	—	—	RNAV1

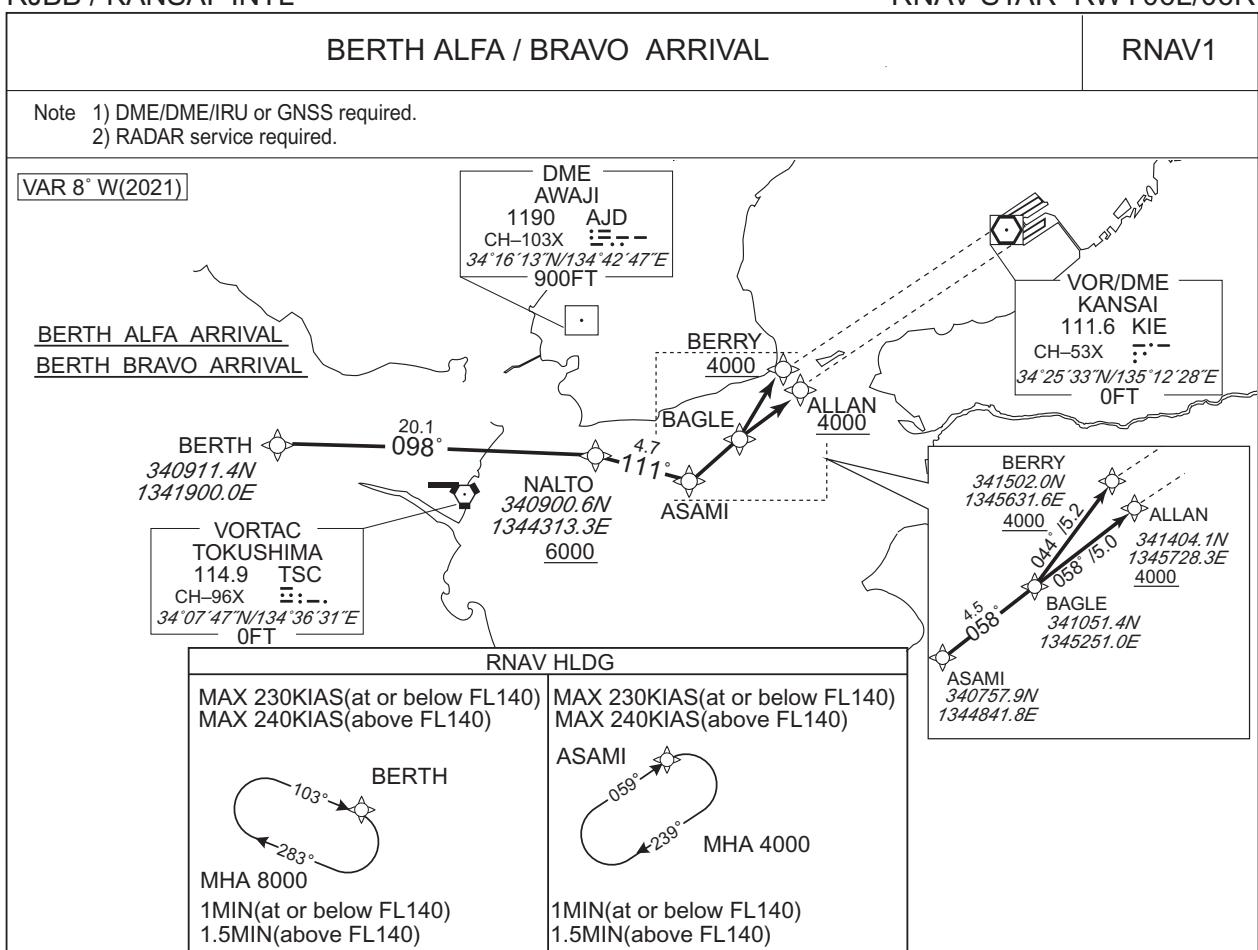
Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	CANDY	322 (313.8)	-7.9	1.0(-14000) 1.5(+14001)	—	L	9000	—	-230(-14000) -240(+14001)	RNAV1
Hold	LILAC	057 (049.2)	-7.9	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



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 : VAR. Critical DME. KANSAI VOR/DME relocated(KNE→KIE).

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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	NALTO	—	098 (090.4)	-7.9	20.1	—	+6000	—	—	RNAV1
003	TF	ASAMI	—	111 (103.0)	-7.9	4.7	—	—	—	—	RNAV1
004	TF	BAGLE	—	058 (049.9)	-7.9	4.5	—	—	—	—	RNAV1
005	TF	ALLAN	—	058 (049.9)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-7.9	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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	NALTO	—	098 (090.4)	-7.9	20.1	—	+6000	—	—	RNAV1
003	TF	ASAMI	—	111 (103.0)	-7.9	4.7	—	—	—	—	RNAV1
004	TF	BAGLE	—	058 (049.9)	-7.9	4.5	—	—	—	—	RNAV1
005	TF	BERRY	—	044 (036.0)	-7.9	5.2	—	+4000	—	—	RNAV1

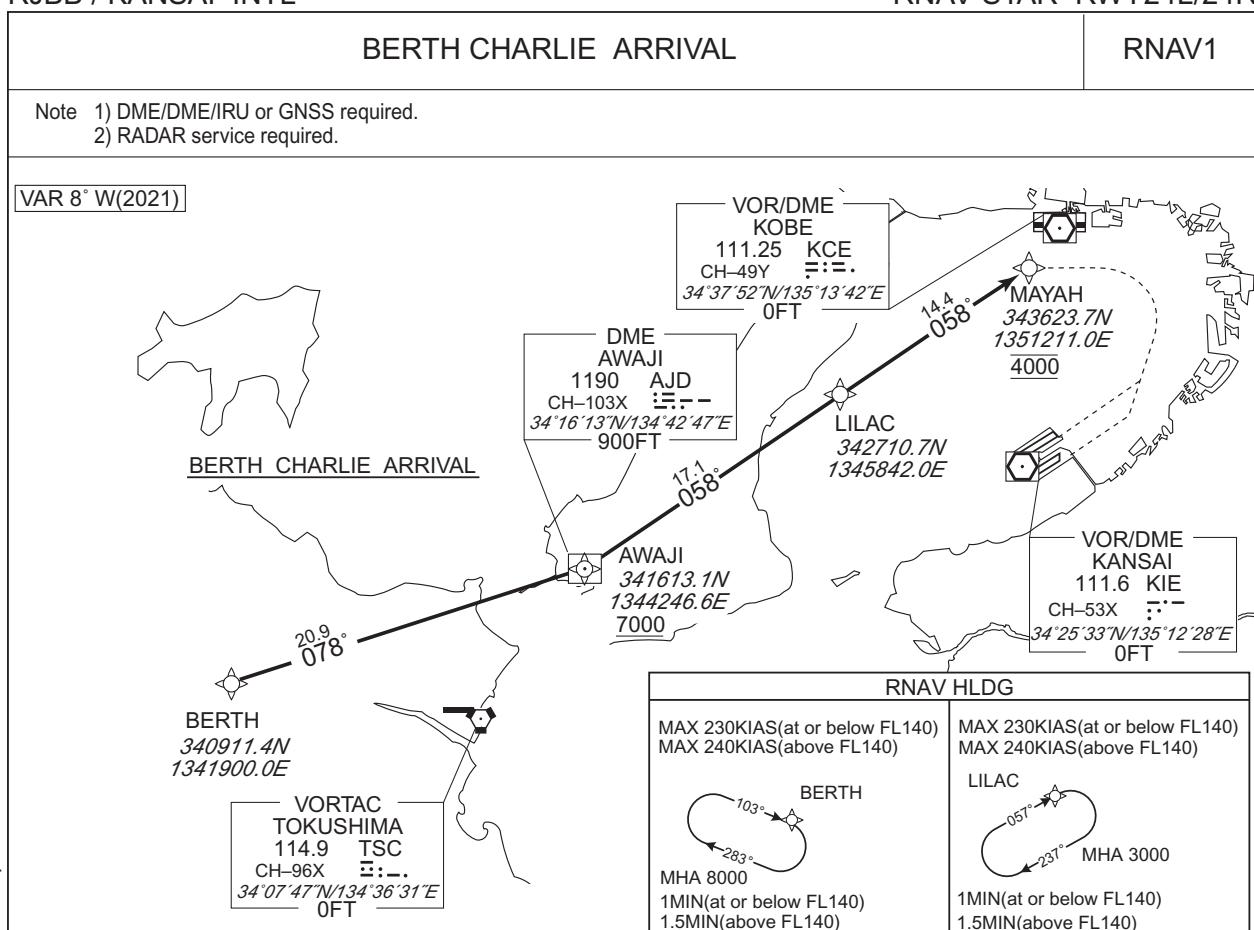
Path	Waypoint Identifier	Inbound Course 'M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	BERTH	103 (095.4)	-7.9	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. Critical DME.

STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R



BERTH CHARLIE ARRIVAL

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

Critical DME		AJD : 10.9NM to AWAJI - 4.9NM to AWAJI TWT : AWAJI - 11.0NM to LILAC GBD : AWAJI - MAYAH
DME GAP		-
Inappropriate Navaids		See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

CHANGE : VAR. Critical DME. KANSAI VOR/DME relocated(KNE→KIE).

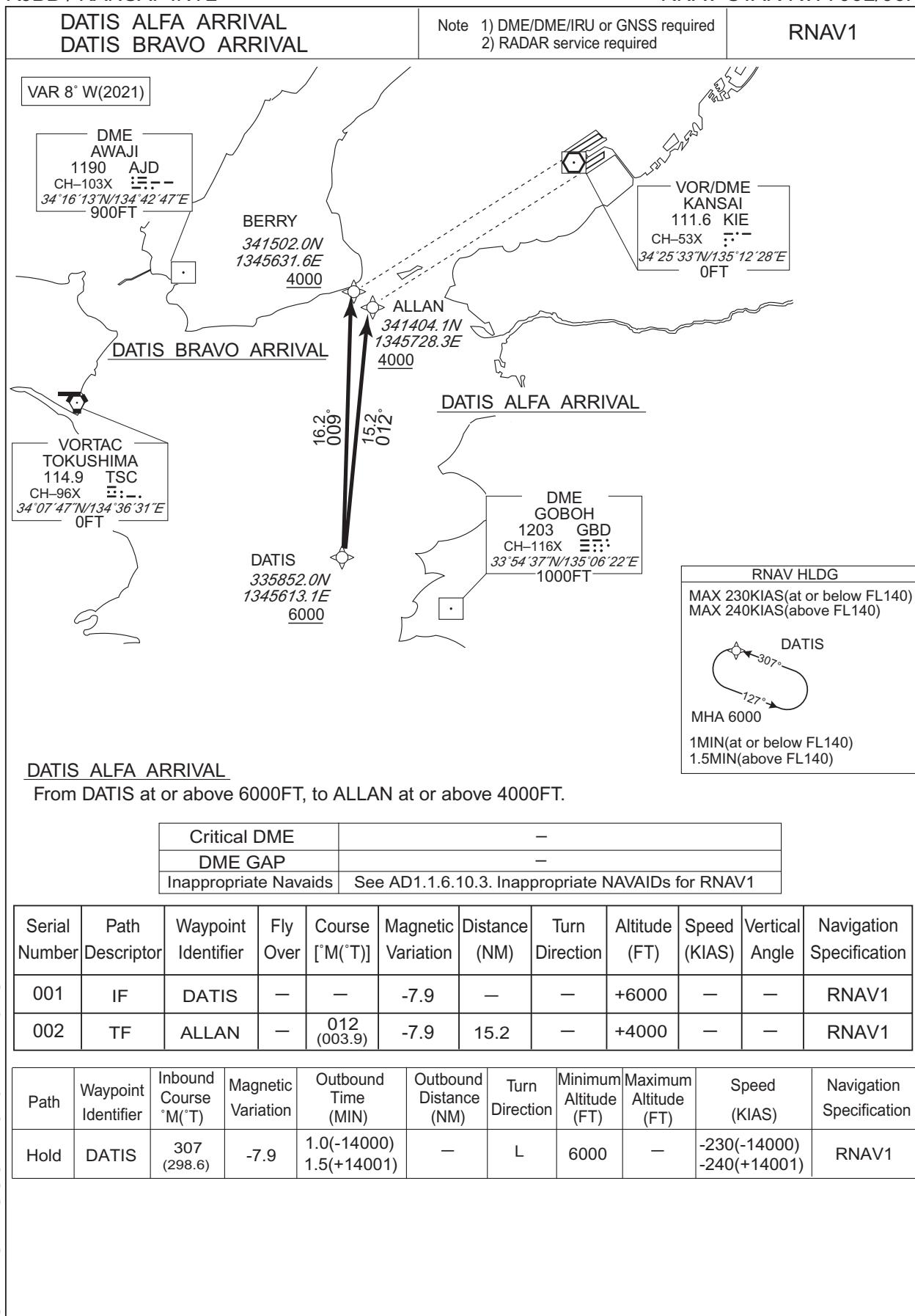
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	BERTH	-	-	-7.9	-	-	-	-	-	RNAV1
002	TF	AWAJI	-	078 (070.2)	-7.9	20.9	-	+7000	-	-	RNAV1
003	TF	LILAC	-	058 (050.1)	-7.9	17.1	-	-	-	-	RNAV1
004	TF	MAYAH	-	058 (050.3)	-7.9	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	BERTH	103 (095.4)	-7.9	1.0(-14000) 1.5(+14001)	-	R	8000	-	-230(-14000) -240(+14001)	RNAV1
Hold	LILAC	057 (049.2)	-7.9	1.0(-14000) 1.5(+14001)	-	R	3000	-	-230(-14000) -240(+14001)	RNAV1

STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY06L/06R



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	—	—	-7.9	—	—	+6000	—	—	RNAV1
002	TF	BERRY	—	009 (000.9)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	L	6000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. Critical DME deleted. HLDG course.

STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

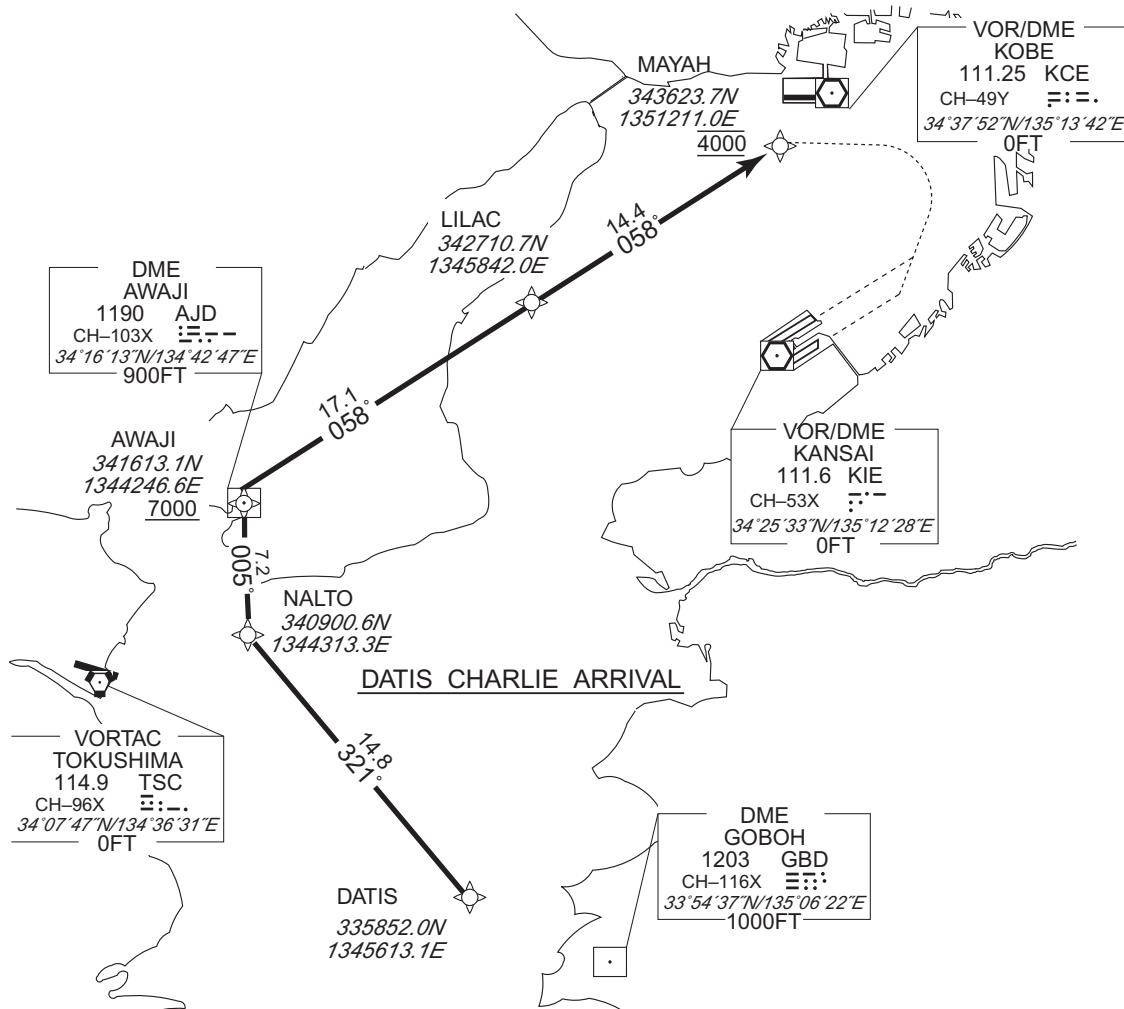
RNAV STAR RWY24L/24R

DATIS CHARLIE ARRIVAL

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

RNAV1

VAR 8° W(2021)



CHANGE : COORD and ELEV of GBD.

RNAV HLDG

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

DATIS

307°
127°
MHA 60001MIN(at or below FL140)
1.5MIN(above FL140)MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)

LILAC

057°
231°
MHA 30001MIN(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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	NALTO	—	321 (313.4)	-7.9	14.8	—	—	—	—	RNAV1
003	TF	AWAJI	—	005 (357.1)	-7.9	7.2	—	+7000	—	—	RNAV1
004	TF	LILAC	—	058 (050.1)	-7.9	17.1	—	—	—	—	RNAV1
005	TF	MAYAH	—	058 (050.3)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	L	6000	—	-230(-14000) -240(+14001)	RNAV1
Hold	LILAC	057 (049.2)	-7.9	1.0(-14000) 1.5(+14001)	—	R	3000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. HLDG course(DATIS).

STANDARD ARRIVAL CHART - INSTRUMENT

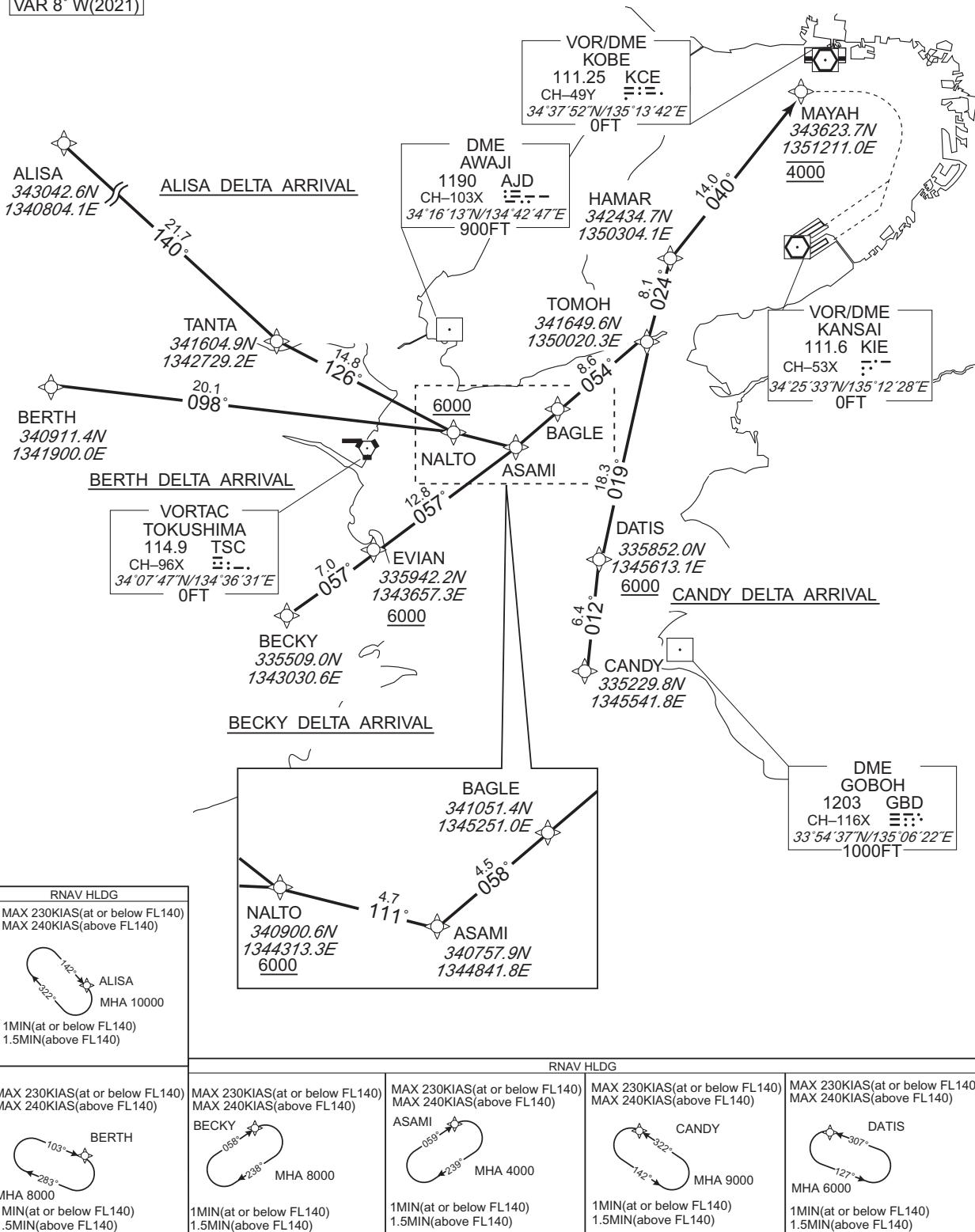
RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

ALISA DELTA ARRIVAL BECKY DELTA ARRIVAL BERTH DELTA ARRIVAL CANDY DELTA ARRIVAL	RNAV1
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Note 1) DME/DME/IRU or GNSS required.
2) RADAR service required.

VAR 8° W(2021)



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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	TANTA	—	140 (132.3)	-7.9	21.7	—	—	—	—	RNAV1
003	TF	NALTO	—	126 (118.4)	-7.9	14.8	—	+6000	—	—	RNAV1
004	TF	ASAMI	—	111 (103.0)	-7.9	4.7	—	—	—	—	RNAV1
005	TF	BAGLE	—	058 (049.9)	-7.9	4.5	—	—	—	—	RNAV1
006	TF	TOMOH	—	054 (046.0)	-7.9	8.6	—	—	—	—	RNAV1
007	TF	HAMAR	—	024 (016.2)	-7.9	8.1	—	—	—	—	RNAV1
008	TF	MAYAH	—	040 (032.4)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	10000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. Critical DME.

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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	EVIAN	—	057 (049.5)	-7.9	7.0	—	+6000	—	—	RNAV1
003	TF	ASAMI	—	057 (049.6)	-7.9	12.8	—	—	—	—	RNAV1
004	TF	BAGLE	—	058 (049.9)	-7.9	4.5	—	—	—	—	RNAV1
005	TF	TOMOH	—	054 (046.0)	-7.9	8.6	—	—	—	—	RNAV1
006	TF	HAMAR	—	024 (016.2)	-7.9	8.1	—	—	—	—	RNAV1
007	TF	MAYAH	—	040 (032.4)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. Critical DME.

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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	NALTO	—	098 (090.4)	-7.9	20.1	—	+6000	—	—	RNAV1
003	TF	ASAMI	—	111 (103.0)	-7.9	4.7	—	—	—	—	RNAV1
004	TF	BAGLE	—	058 (049.9)	-7.9	4.5	—	—	—	—	RNAV1
005	TF	TOMOH	—	054 (046.0)	-7.9	8.6	—	—	—	—	RNAV1
006	TF	HAMAR	—	024 (016.2)	-7.9	8.1	—	—	—	—	RNAV1
007	TF	MAYAH	—	040 (032.4)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. Critical DME.

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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	DATIS	—	012 (003.9)	-7.9	6.4	—	+6000	—	—	RNAV1
003	TF	TOMOH	—	019 (010.7)	-7.9	18.3	—	—	—	—	RNAV1
004	TF	HAMAR	—	024 (016.2)	-7.9	8.1	—	—	—	—	RNAV1
005	TF	MAYAH	—	040 (032.4)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	L	9000	—	-230(-14000) -240(+14001)	RNAV1
Hold	DATIS	307 (298.6)	-7.9	1.0(-14000) 1.5(+14001)	—	L	6000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. HLDG course(DATIS).

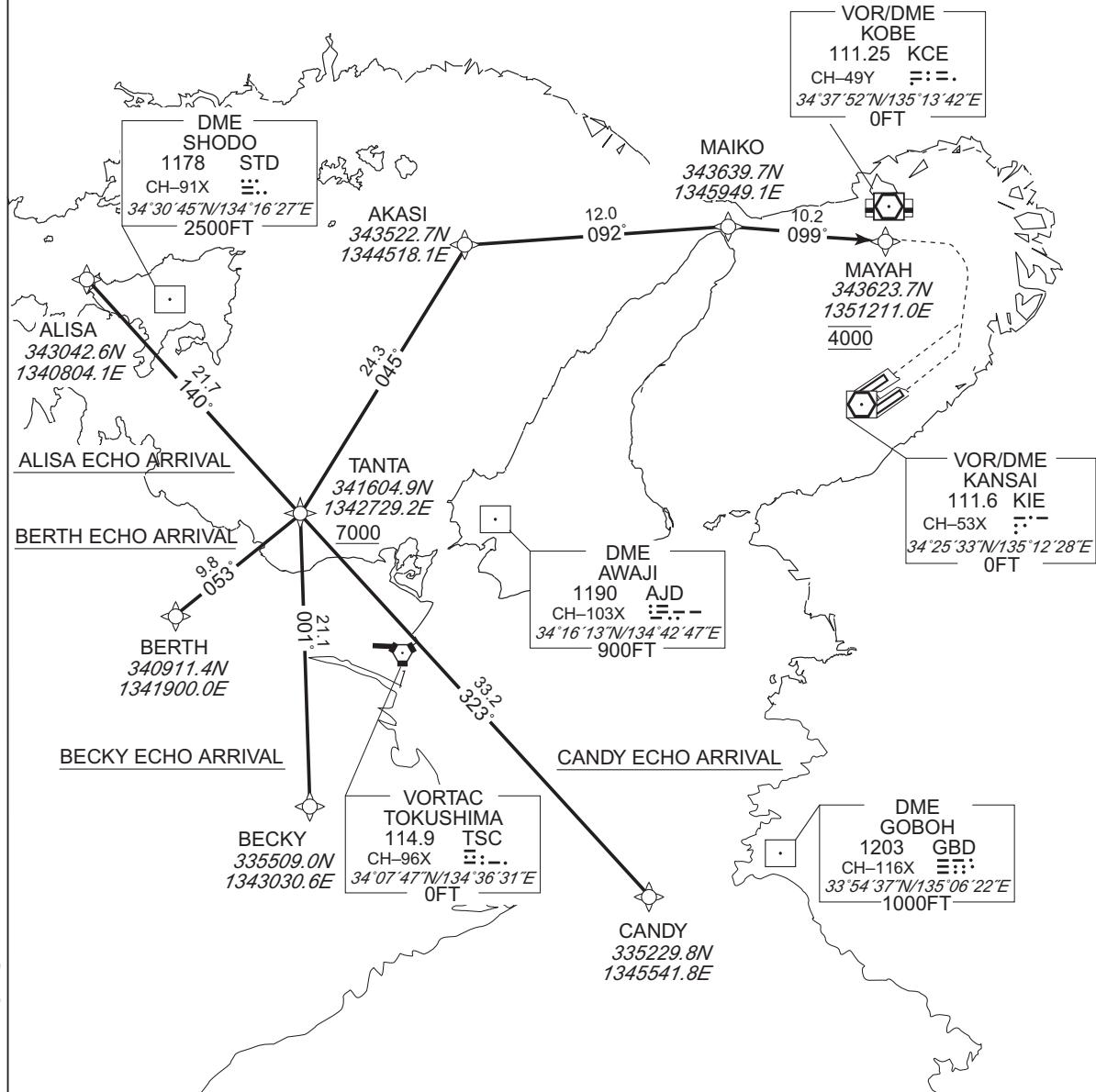
STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

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

VAR 8° W(2021)



CHANGE : COORD and ELEV of GBD.

RNAV HLDG				
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 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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	TANTA	—	140 (132.3)	-7.9	21.7	—	+7000	—	—	RNAV1
003	TF	AKASI	—	045 (037.2)	-7.9	24.3	—	—	—	—	RNAV1
004	TF	MAIKO	—	092 (083.8)	-7.9	12.0	—	—	—	—	RNAV1
005	TF	MAYAH	—	099 (091.4)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	10000	—	-230(-14000) -240(+14001)	RNAV1
Hold	AKASI	092 (083.8)	-7.9	1.0(-14000) 1.5(+14001)	—	R	5000	—	-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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	TANTA	—	001 (353.2)	-7.9	21.1	—	+7000	—	—	RNAV1
003	TF	AKASI	—	045 (037.2)	-7.9	24.3	—	—	—	—	RNAV1
004	TF	MAIKO	—	092 (083.8)	-7.9	12.0	—	—	—	—	RNAV1
005	TF	MAYAH	—	099 (091.4)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	AKASI	092 (083.8)	-7.9	1.0(-14000) 1.5(+14001)	—	R	5000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. Critical DME.

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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	TANTA	—	053 (045.5)	-7.9	9.8	—	+7000	—	—	RNAV1
003	TF	AKASI	—	045 (037.2)	-7.9	24.3	—	—	—	—	RNAV1
004	TF	MAIKO	—	092 (083.8)	-7.9	12.0	—	—	—	—	RNAV1
005	TF	MAYAH	—	099 (091.4)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	AKASI	092 (083.8)	-7.9	1.0(-14000) 1.5(+14001)	—	R	5000	—	-230(-14000) -240(+14001)	RNAV1

CANDY ECHO ARRIVAL

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

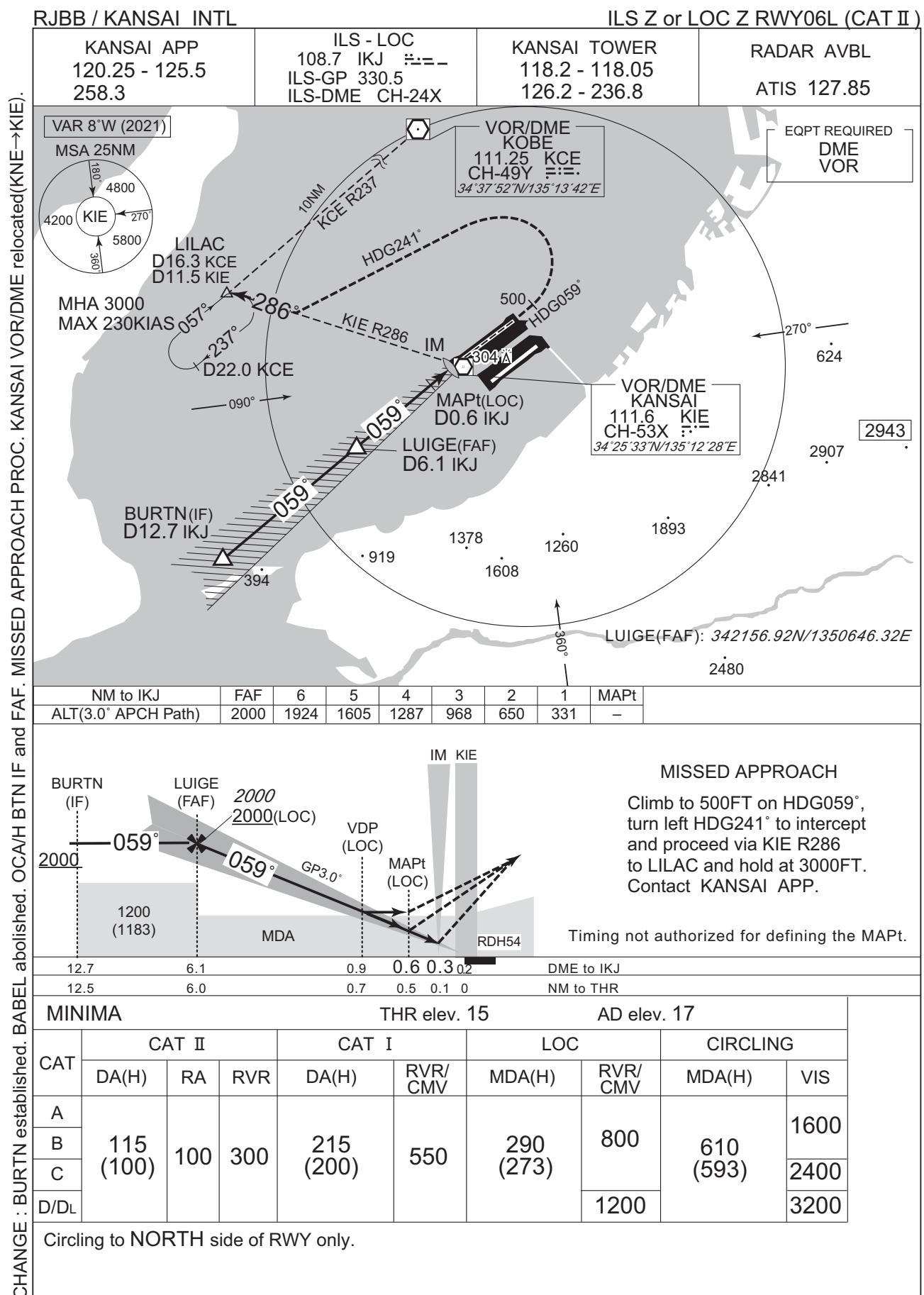
Critical DME	KTE : TANTA - 18.3NM to AKASI AJD : 14.3NM to AKASI - 9.3NM to AKASI	
DME GAP	-	
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	TANTA	—	323 (315.4)	-7.9	33.2	—	+7000	—	—	RNAV1
003	TF	AKASI	—	045 (037.2)	-7.9	24.3	—	—	—	—	RNAV1
004	TF	MAIKO	—	092 (083.8)	-7.9	12.0	—	—	—	—	RNAV1
005	TF	MAYAH	—	099 (091.4)	-7.9	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)	-7.9	1.0(-14000) 1.5(+14001)	—	L	9000	—	-230(-14000) -240(+14001)	RNAV1
Hold	AKASI	092 (083.8)	-7.9	1.0(-14000) 1.5(+14001)	—	R	5000	—	-230(-14000) -240(+14001)	RNAV1

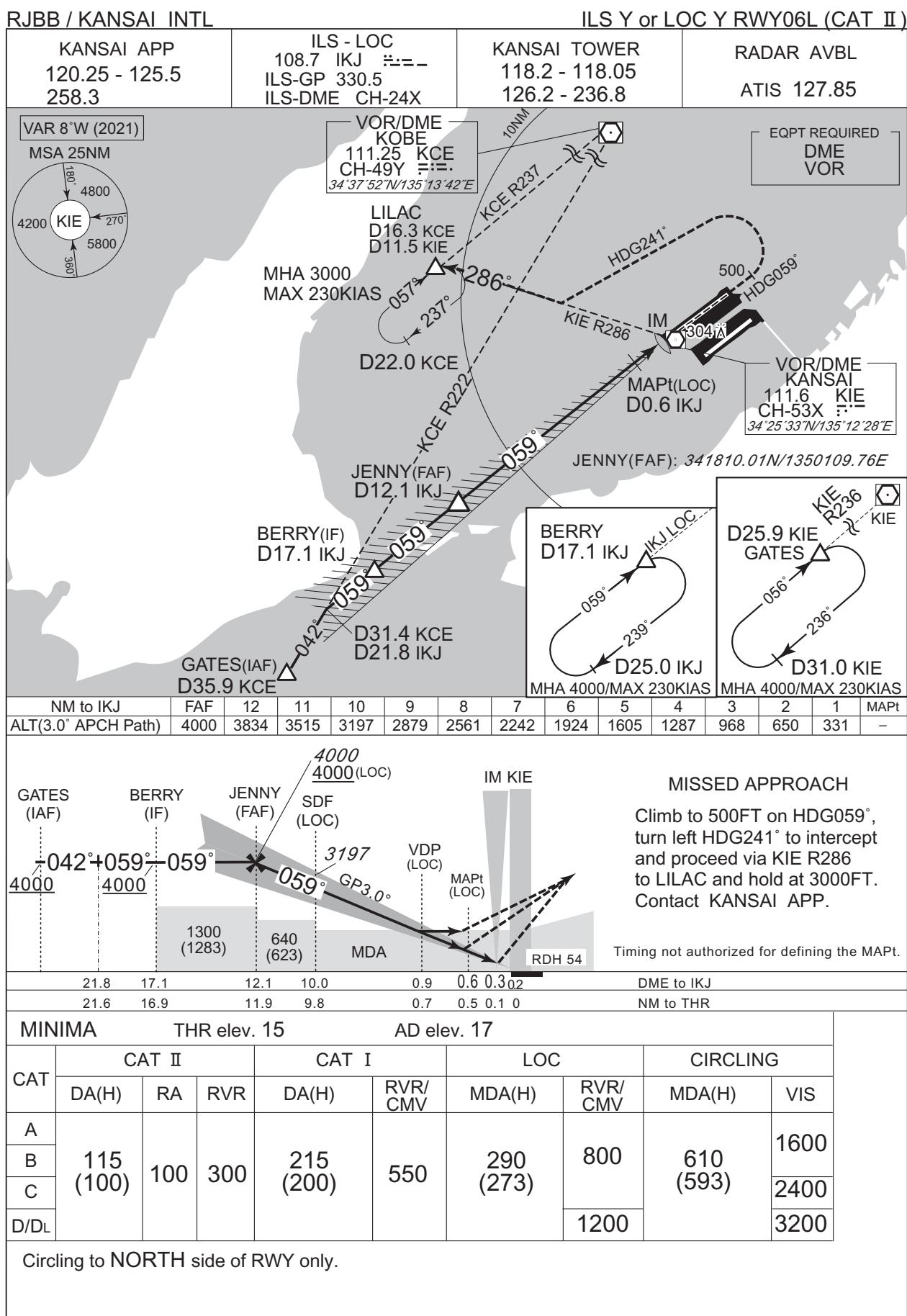
CHANGE : VAR. Critical DME.

INSTRUMENT APPROACH CHART

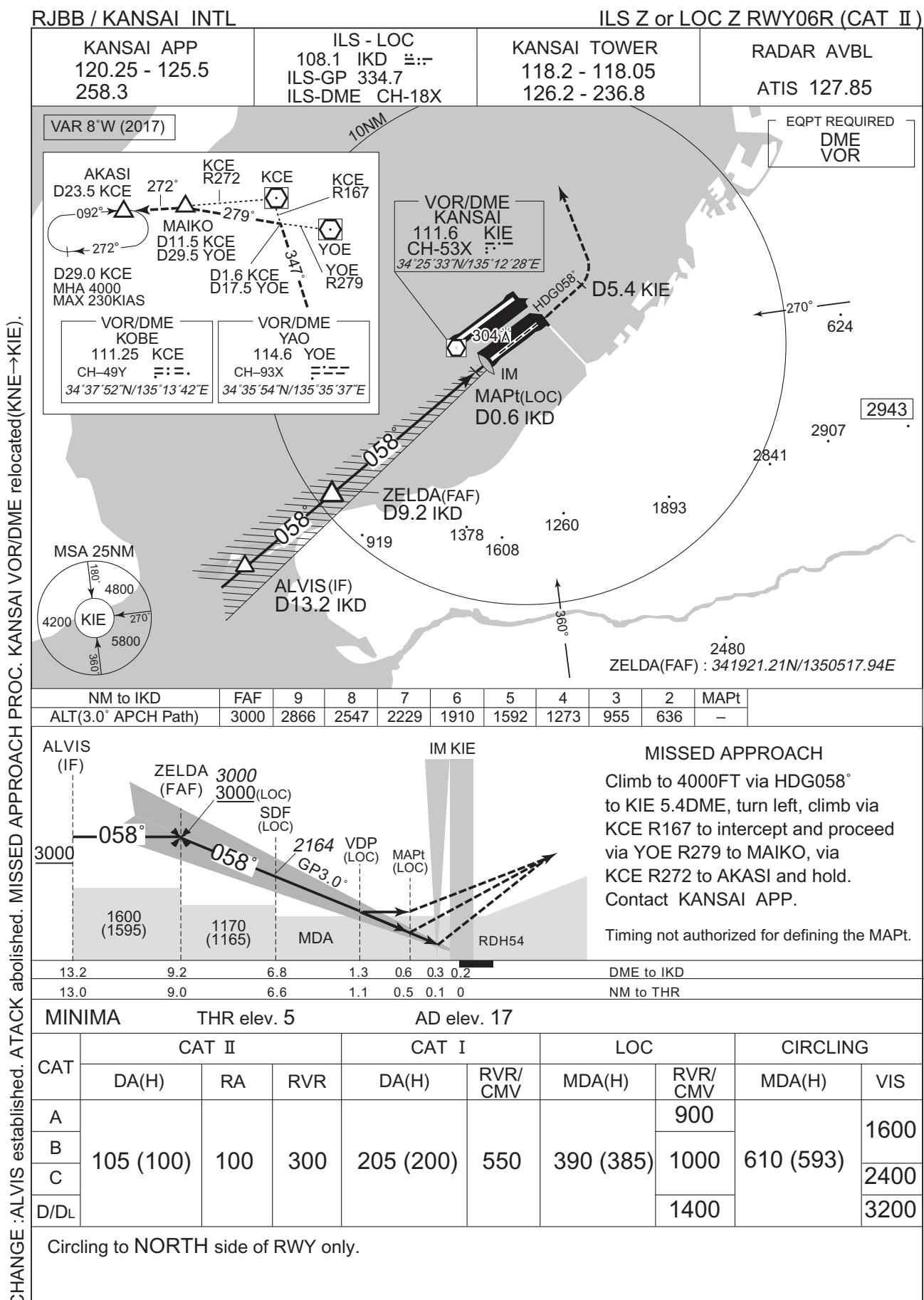


INSTRUMENT APPROACH CHART

CHANGE : MISSED APPROACH PROC. HLDG pattern(GATES) : KANSAI VOR/DME relocated(KNE→KIE).

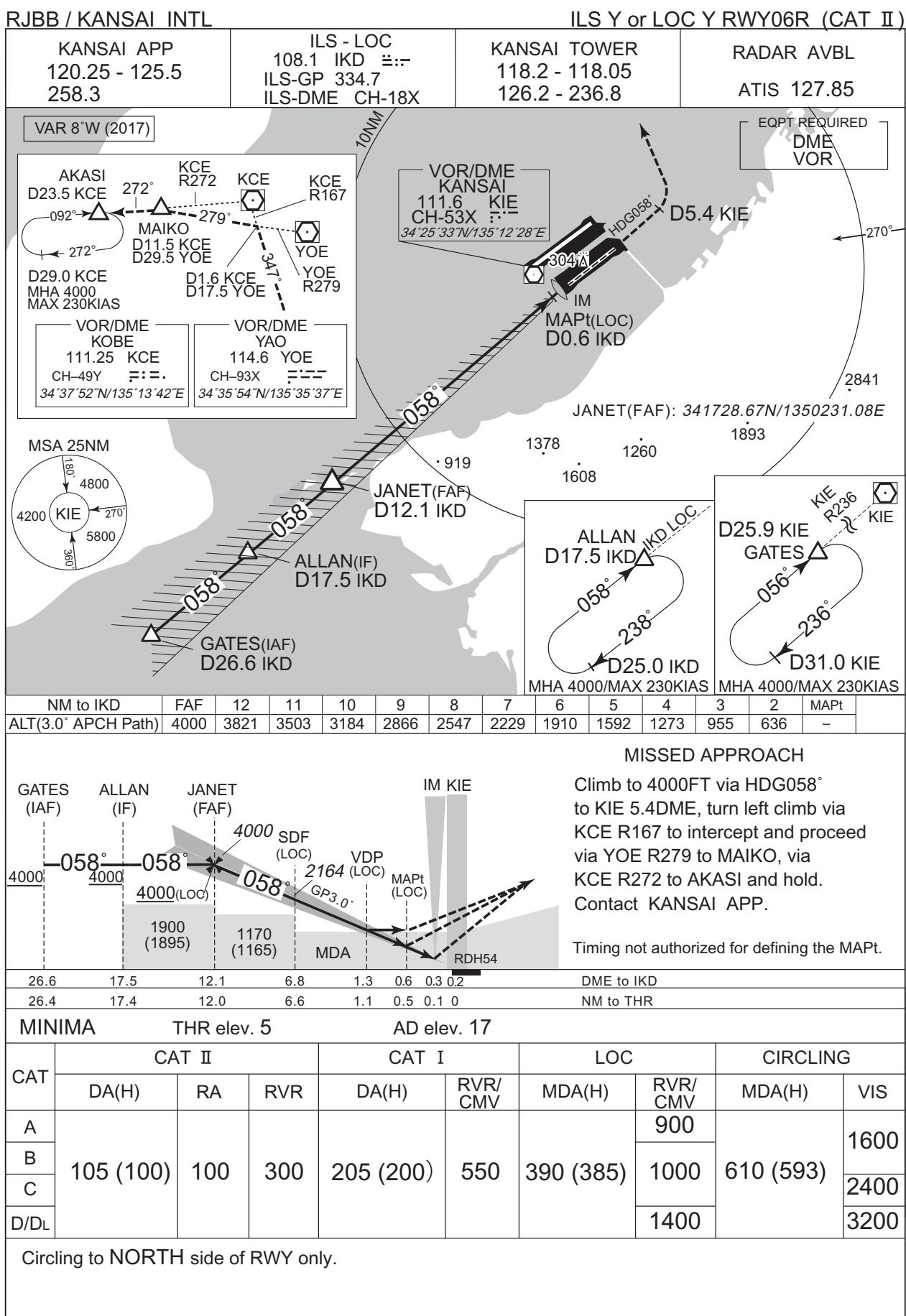


INSTRUMENT APPROACH CHART

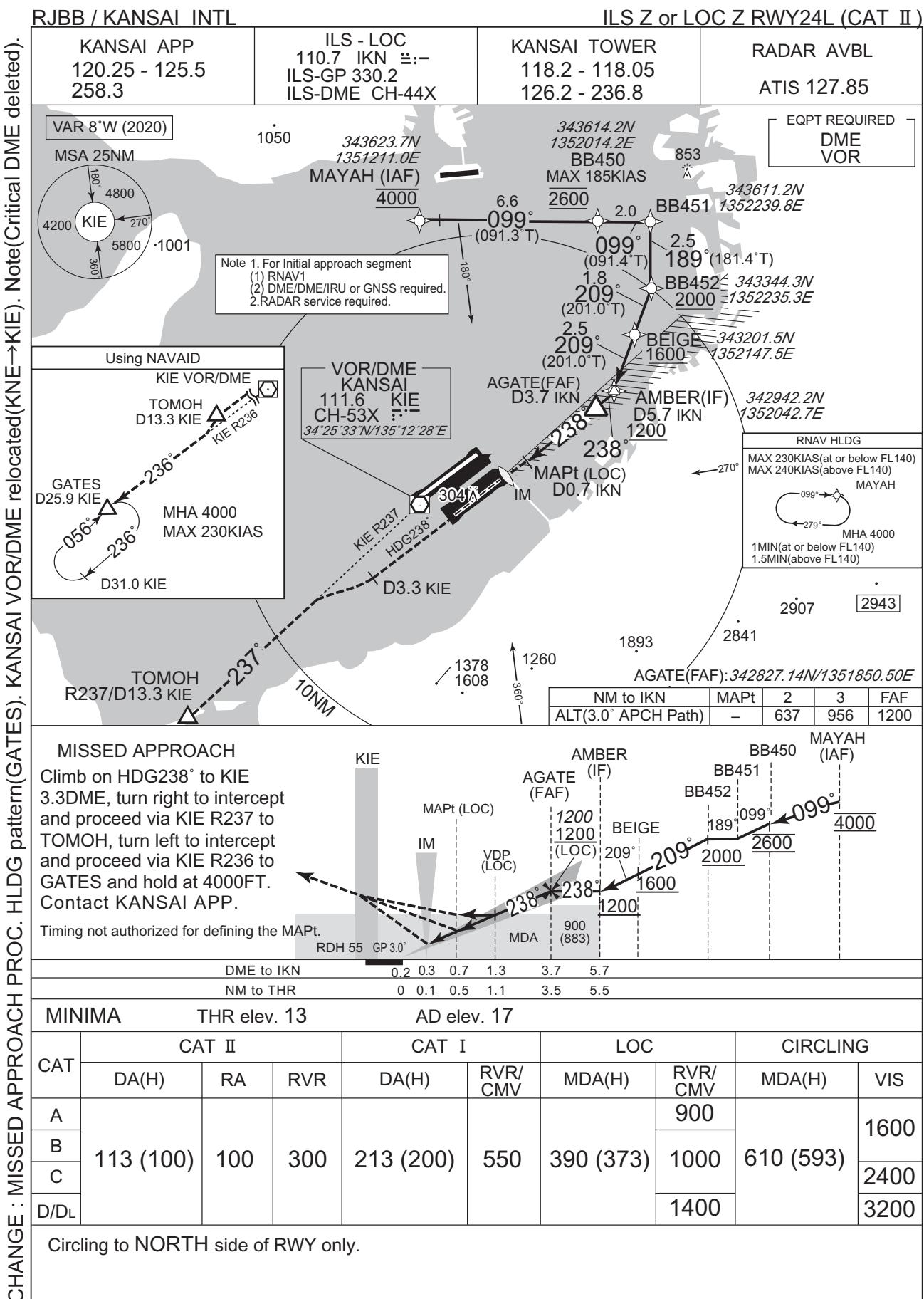


INSTRUMENT APPROACH CHART

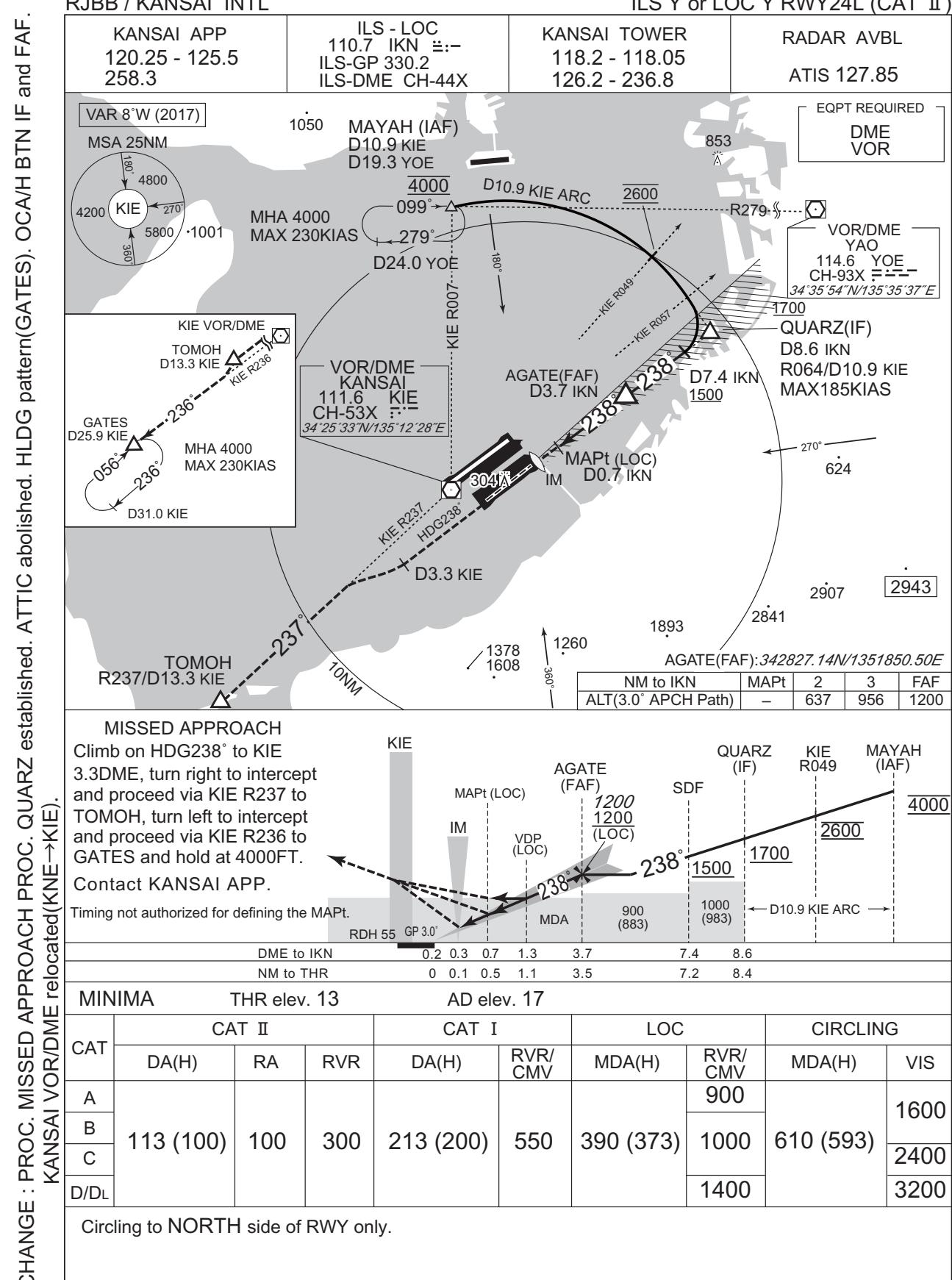
CHANGE : MISSED APPROACH PROC. HLDG pattern(GATES).



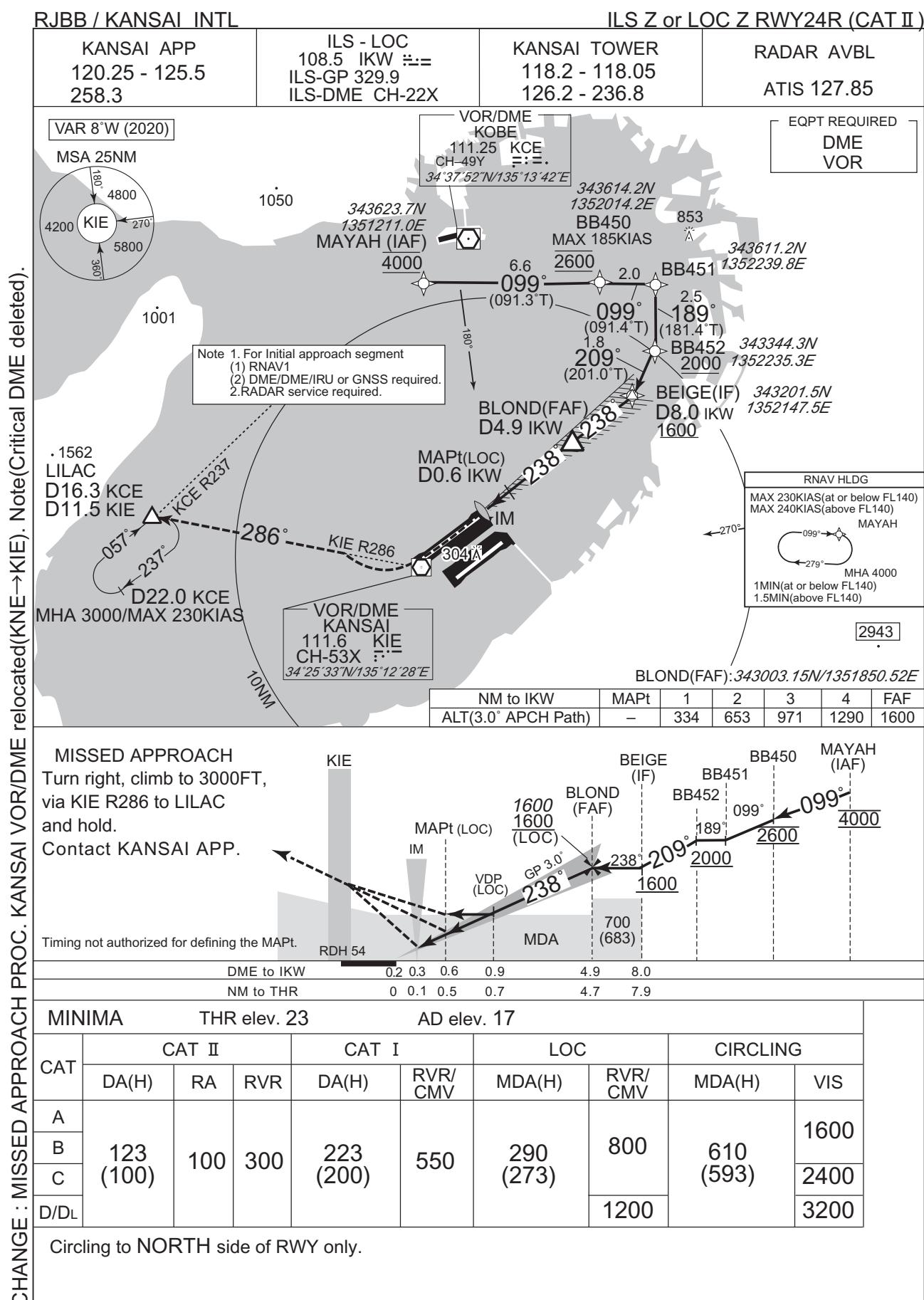
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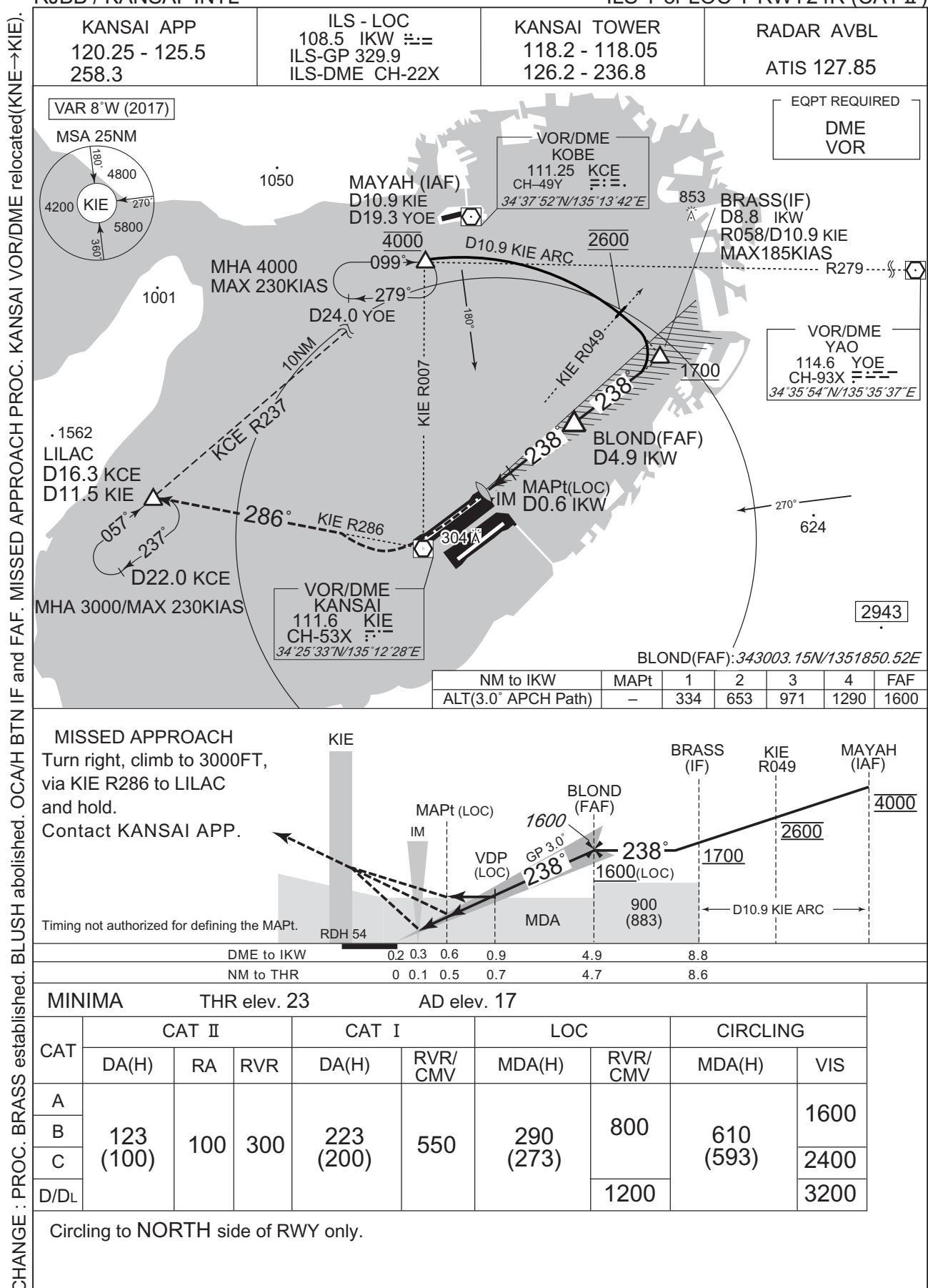
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



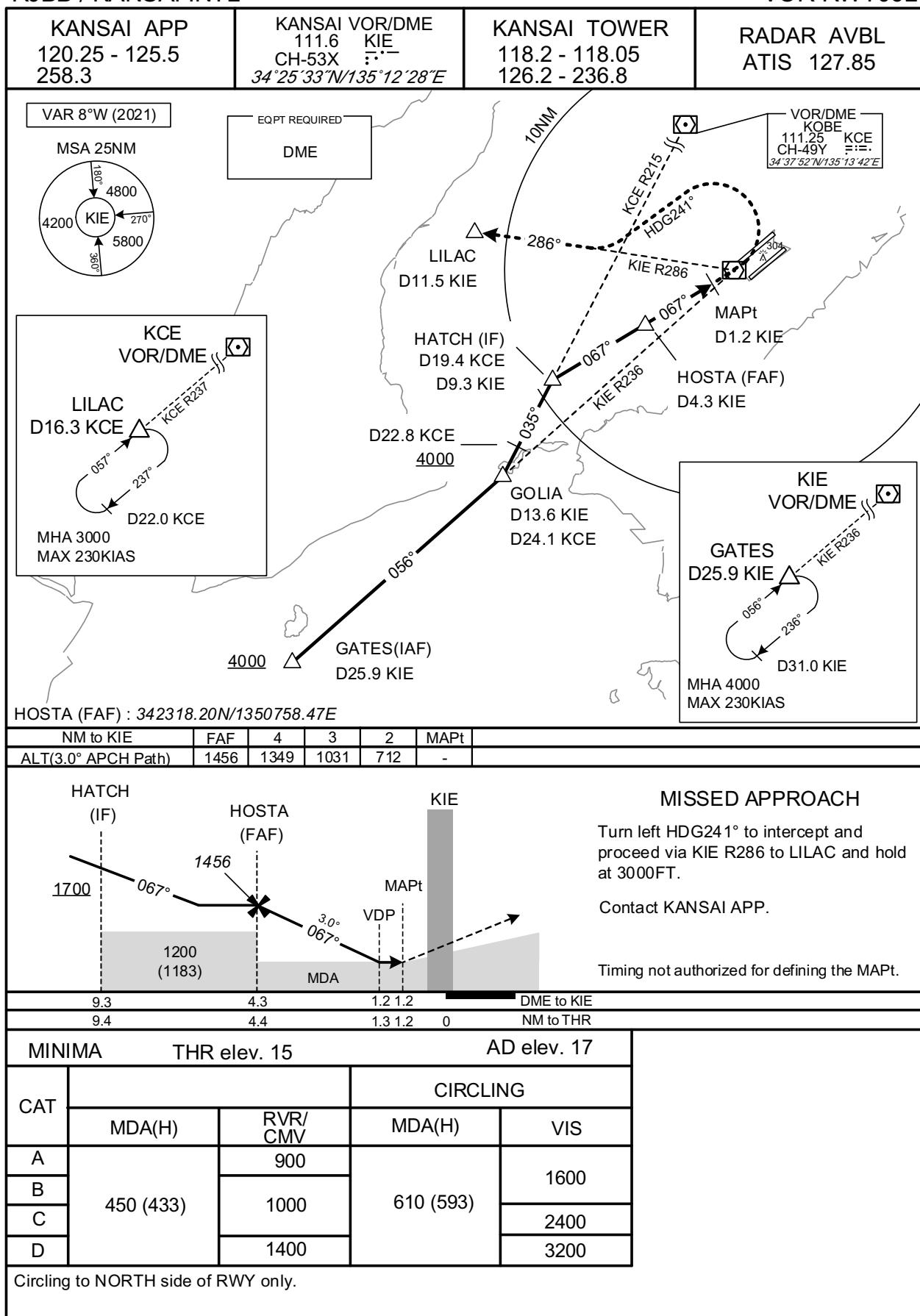
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

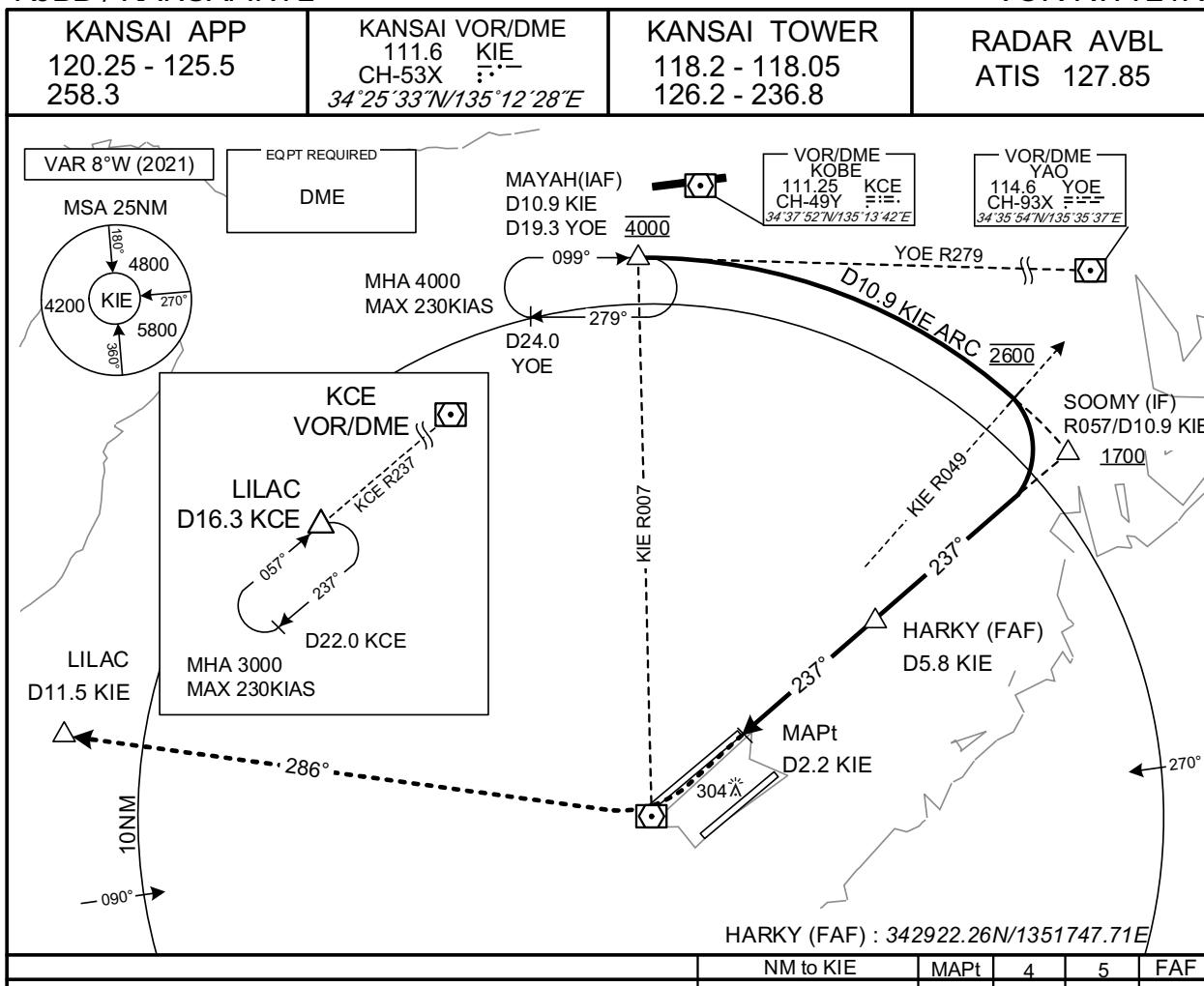
VOR RWY06L



INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

VOR RWY24R

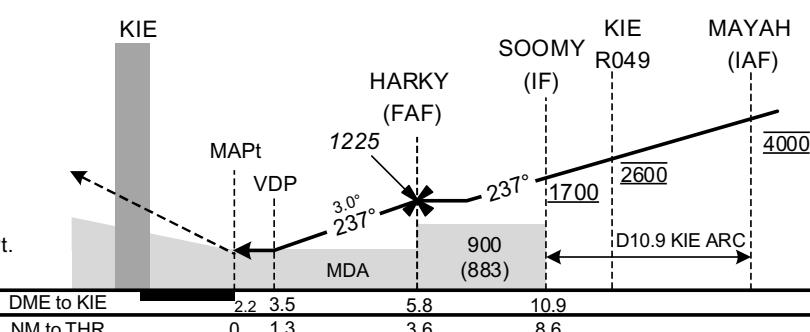


MISSED APPROACH

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

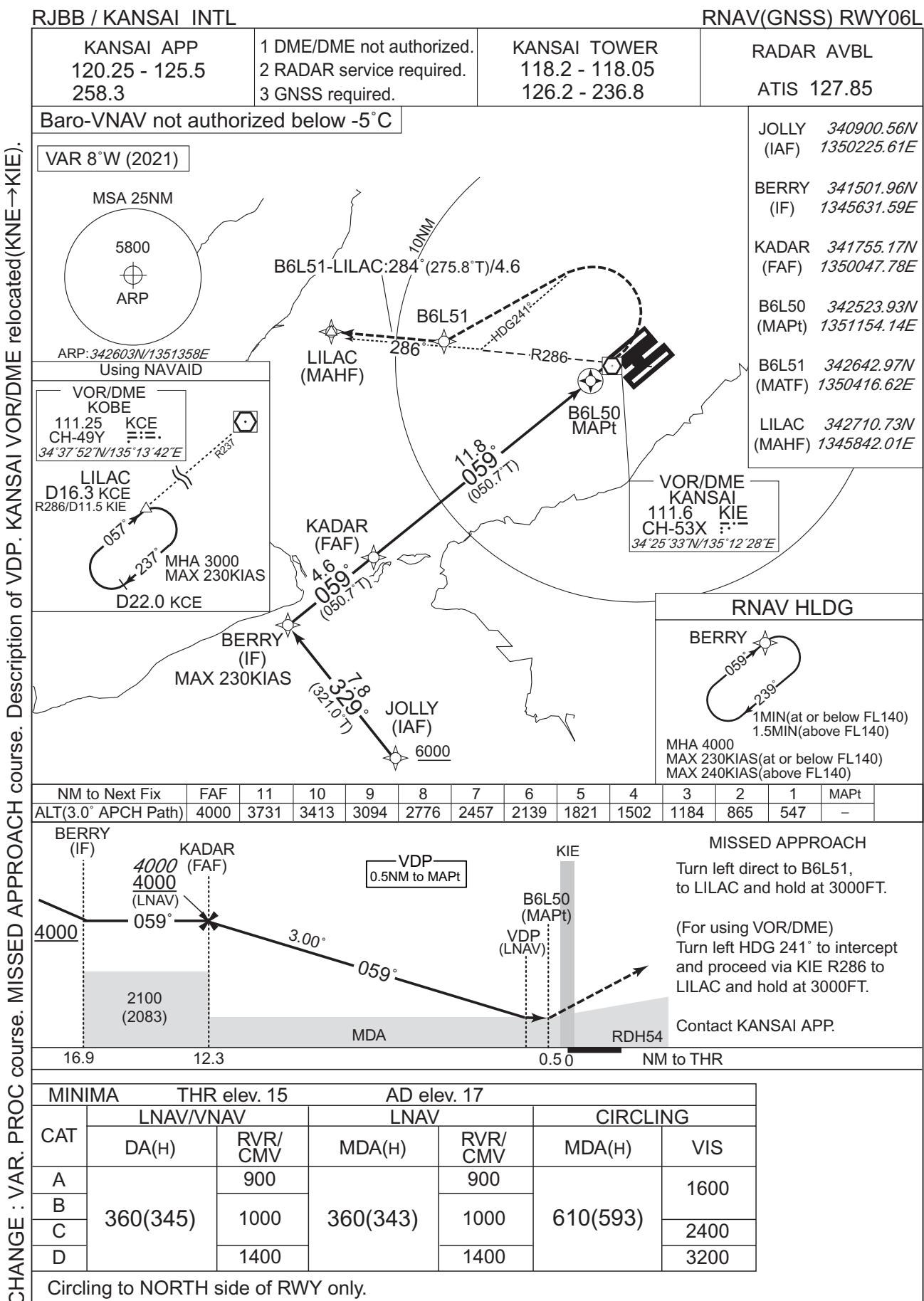
AD elev. 17

CHANGE : New PROC.

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.

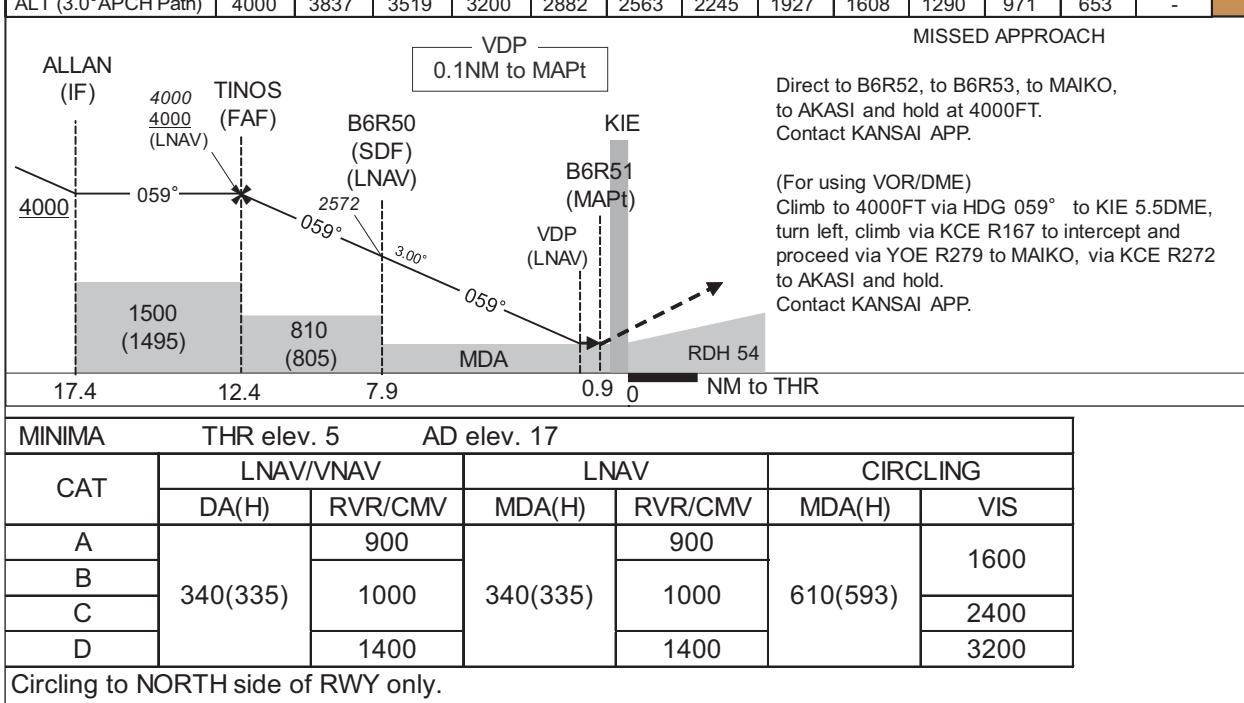
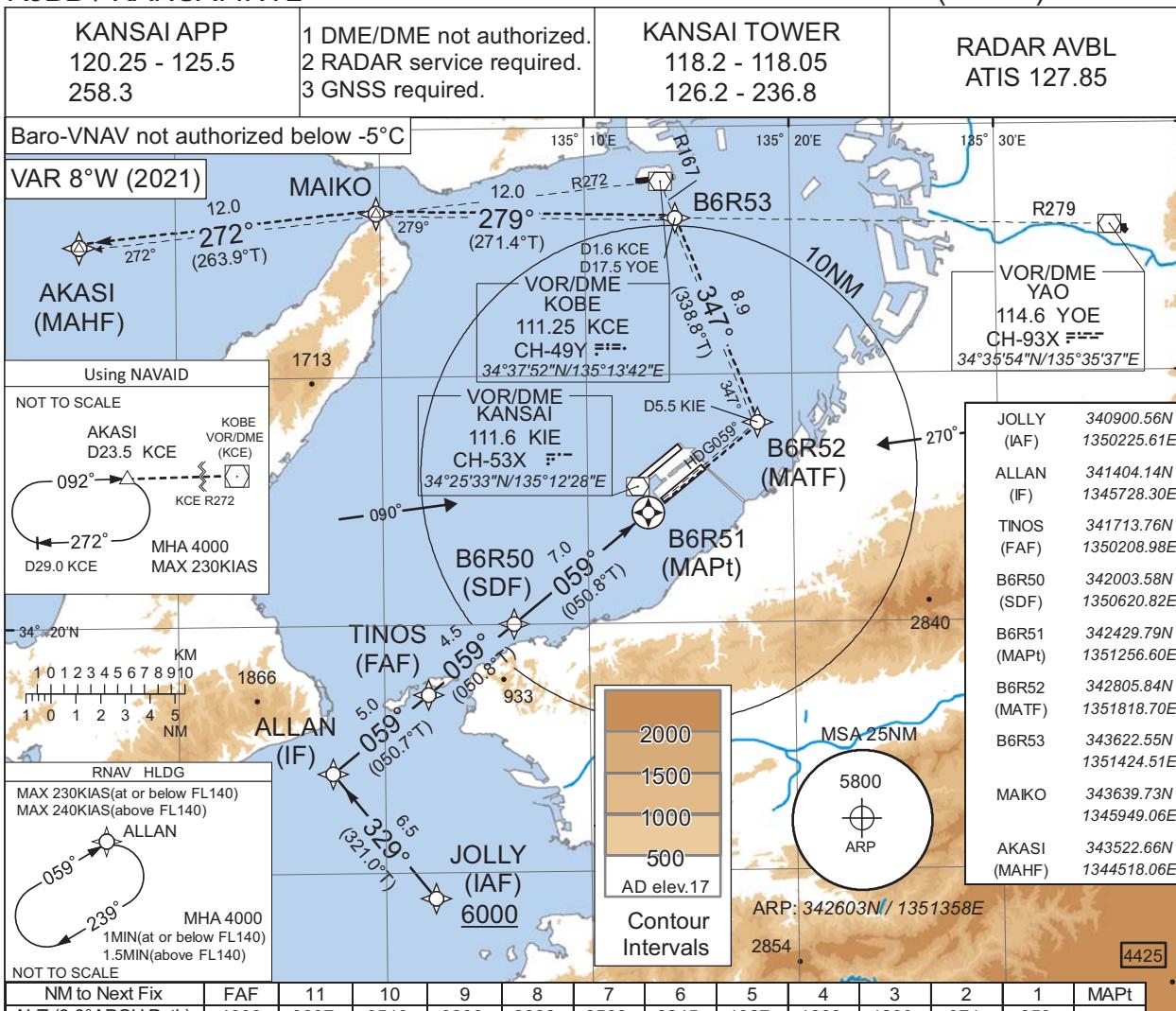
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

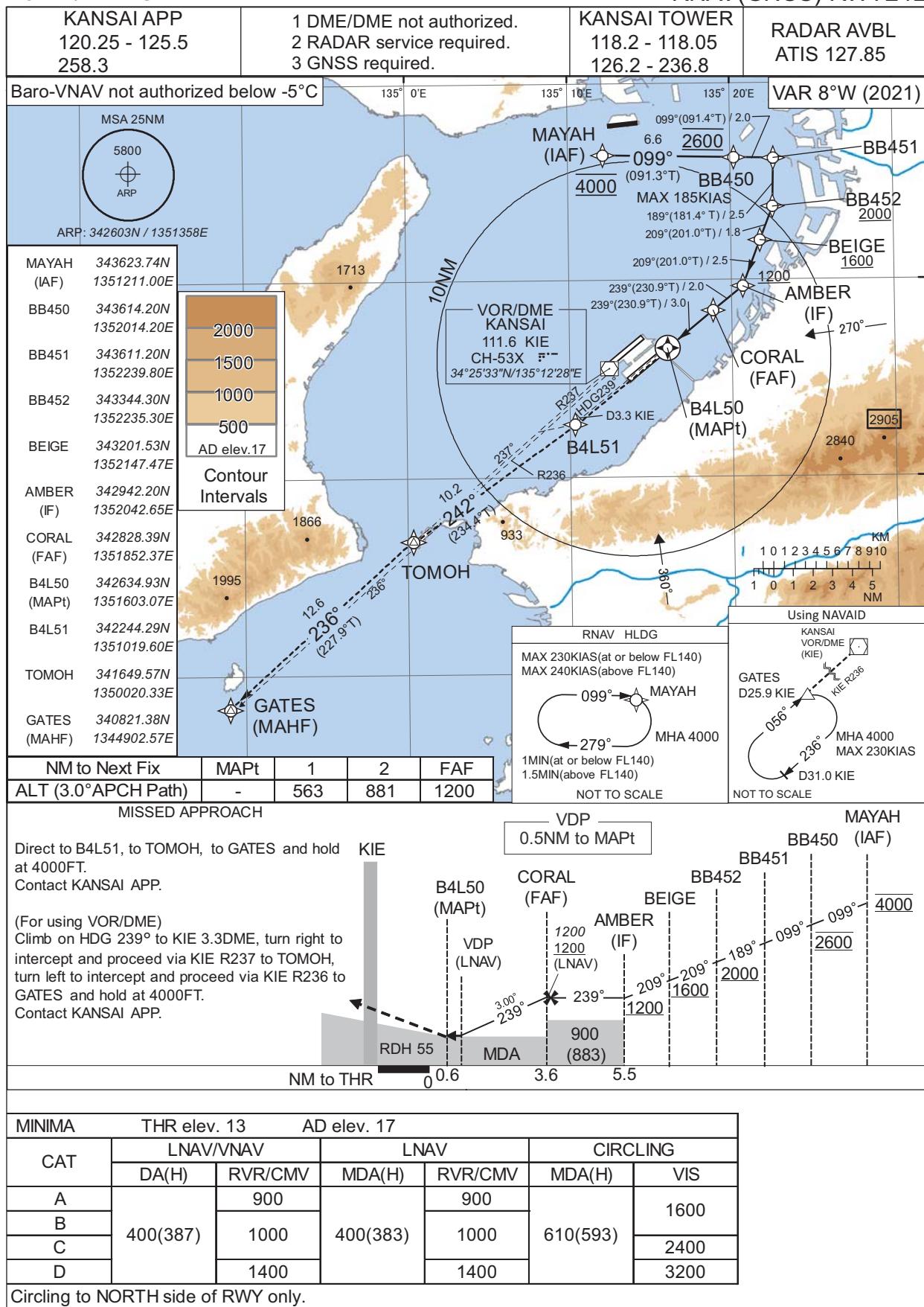
RNAV(GNSS) RWY06R



INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

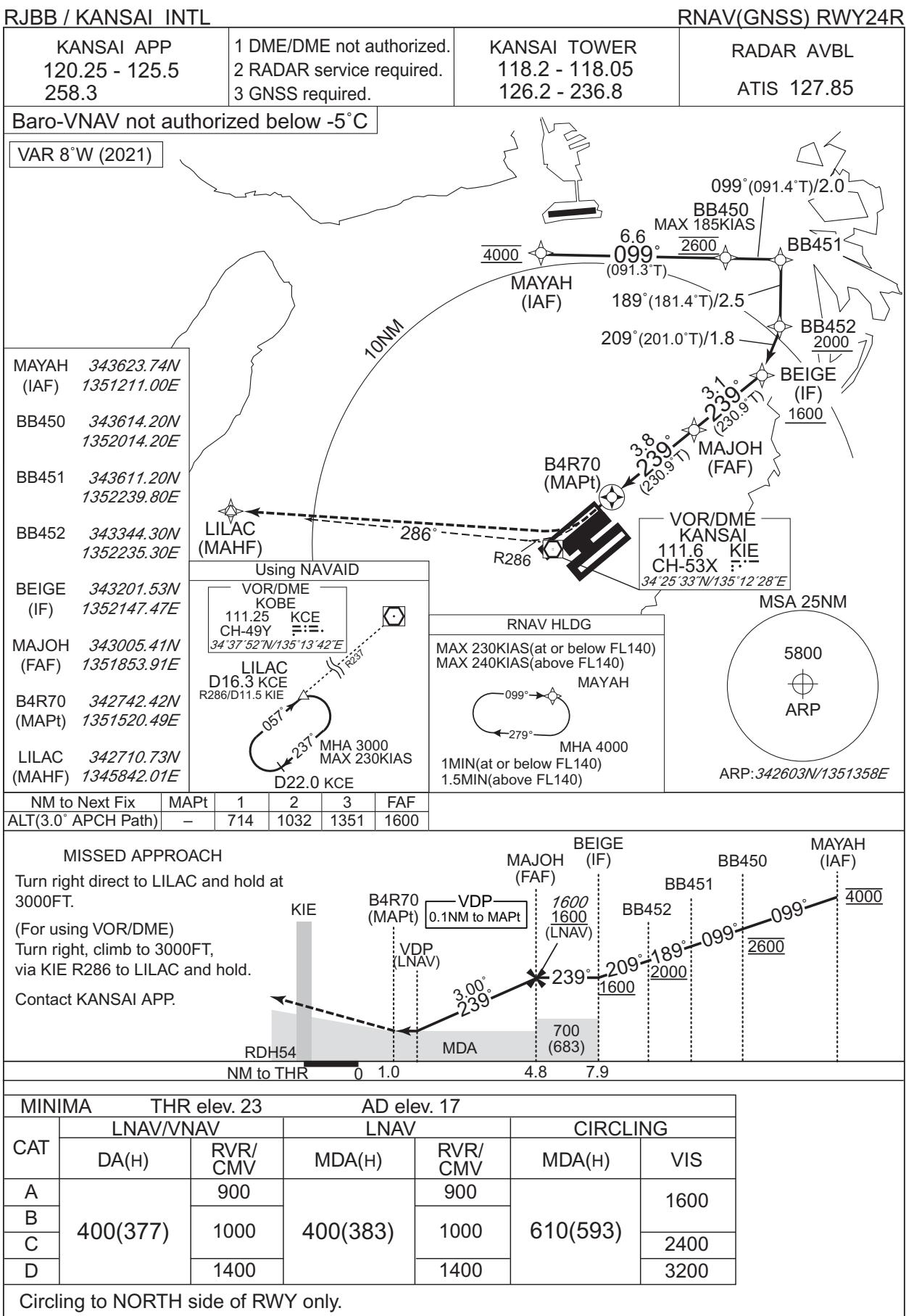
RNAV(GNSS) RWY24L



CHANGE : New PROC.

INSTRUMENT APPROACH CHART

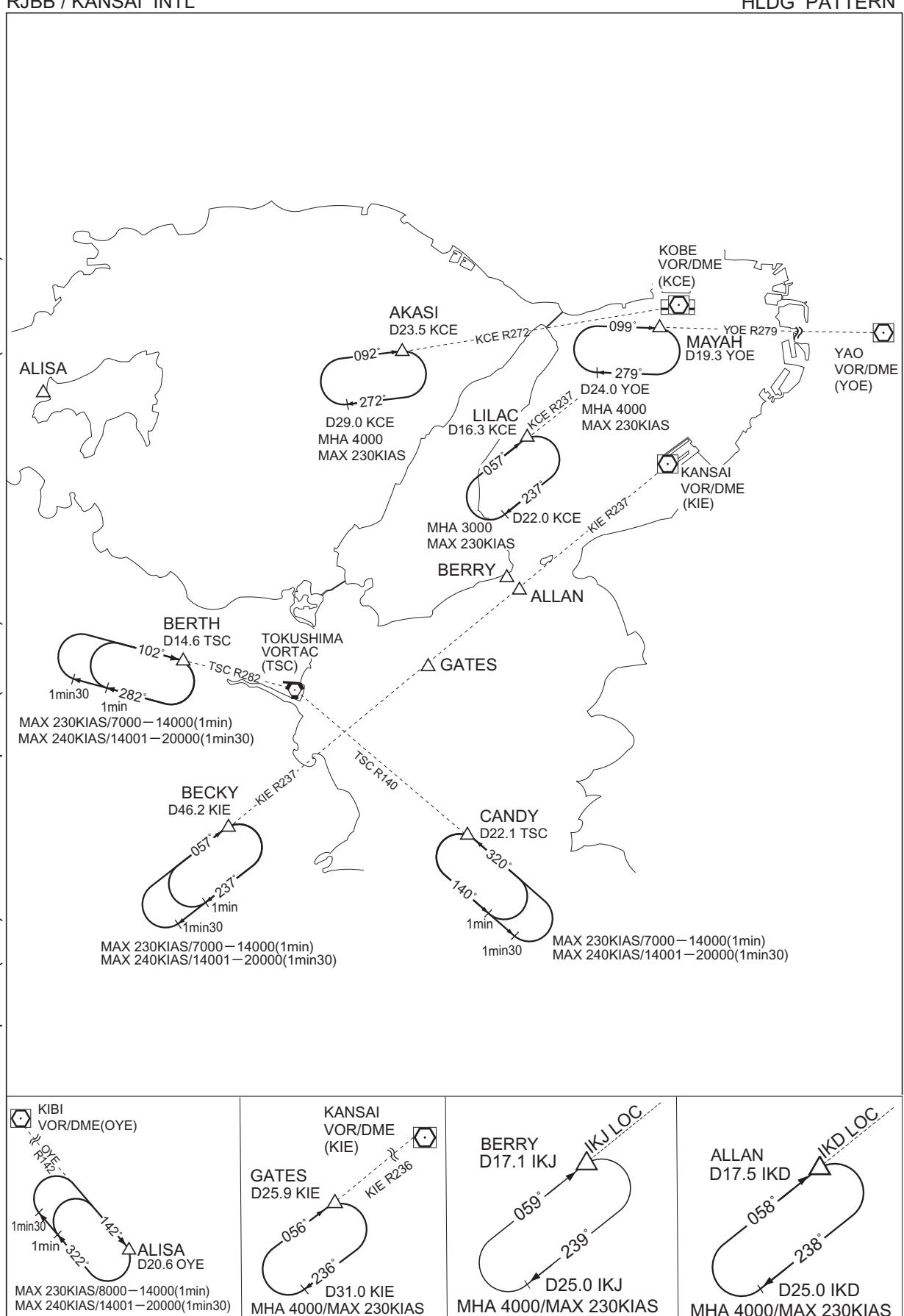
CHANGE : VAR. MISSED APPROACH course. Description of VDP. KANSAI VOR/DME relocated(KNE→KIE).



RJBB / KANSAI INTL

HLDG PATTERN

CHANGE : Radial FM KIE. HLDG pattern(GATES). KANSAI VOR/DME relocated(KNE→KIE).



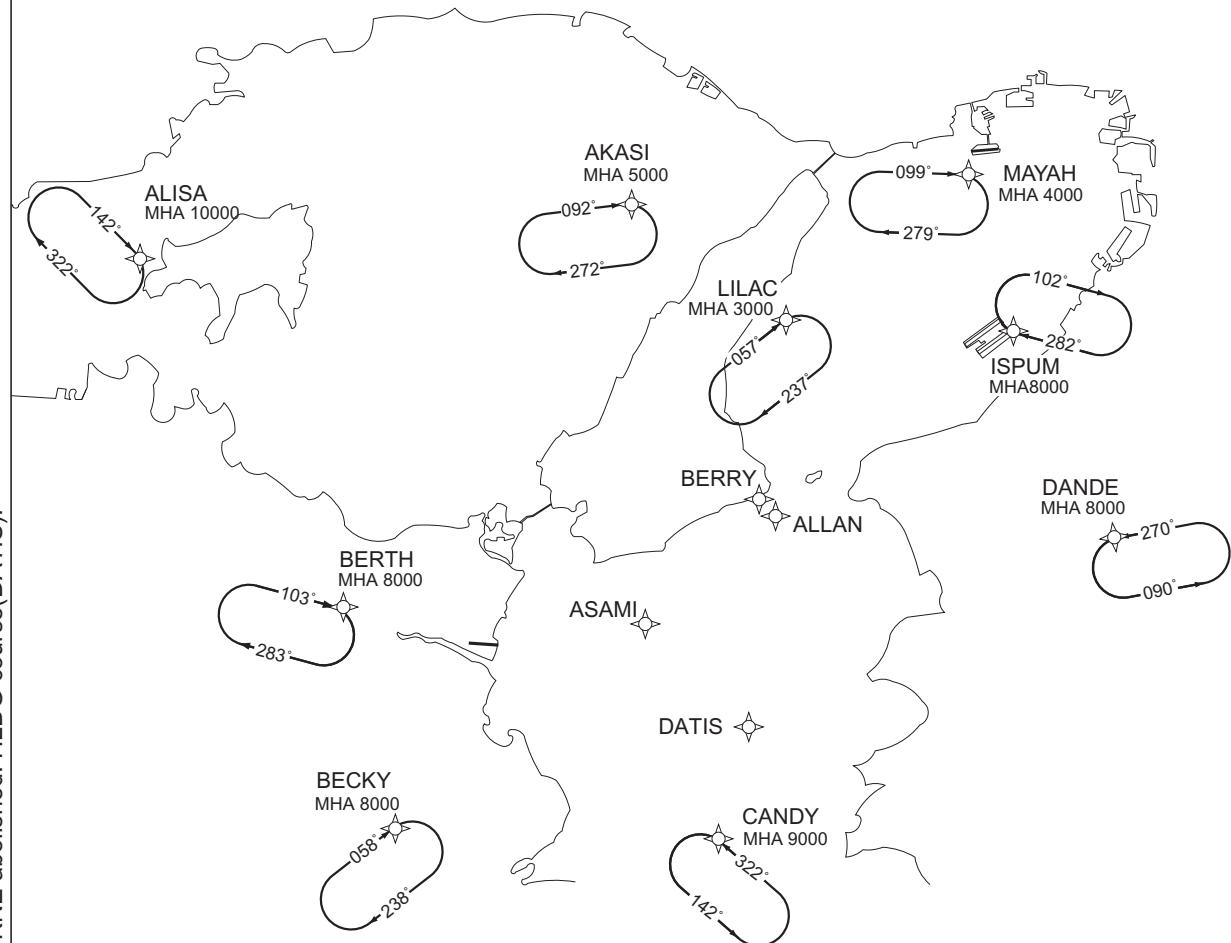
RJBB / KANSAI INTL

RNAV HLDG PATTERN

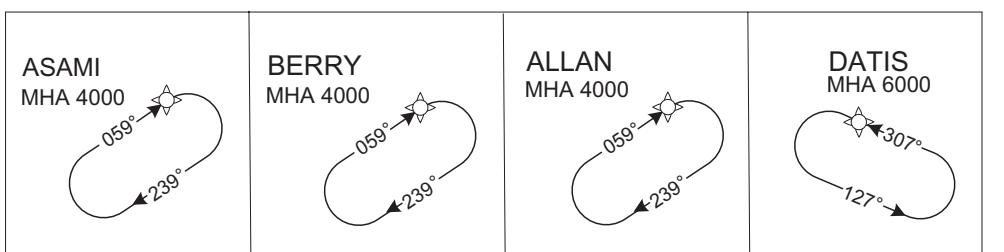
Note 1)DME/DME/IRU or GNSS required.
2)RADAR service required.

RNAV1

1)Outbound Time / Distance
2)Speed
→See Tabular Description.



CHANGE : HLDG pattern(ISPUM) established. KNE abolished. HLDG course(DATIS).



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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	5000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ALISA	142 (134.0)	-7.9	1.0(-14000) 1.5(+14001)	—	R	10000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ALLAN	059 (050.8)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	BECKY	058 (050.2)	-7.9	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	BERRY	059 (050.8)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	BERTH	103 (095.4)	-7.9	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	CANDY	322 (313.8)	-7.9	1.0(-14000) 1.5(+14001)	—	L	9000	—	-230(-14000) -240(+14001)	RNAV1
Hold	DANDE	270 (262.6)	-7.9	1.0(-14000) 1.5(+14001)	—	L	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	DATIS	307 (298.6)	-7.9	1.0(-14000) 1.5(+14001)	—	L	6000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ISPUM	282 (274.2)	-7.9	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	LILAC	057 (049.2)	-7.9	1.0(-14000) 1.5(+14001)	—	R	3000	—	-230(-14000) -240(+14001)	RNAV1
Hold	MAYAH	099 (091.3)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

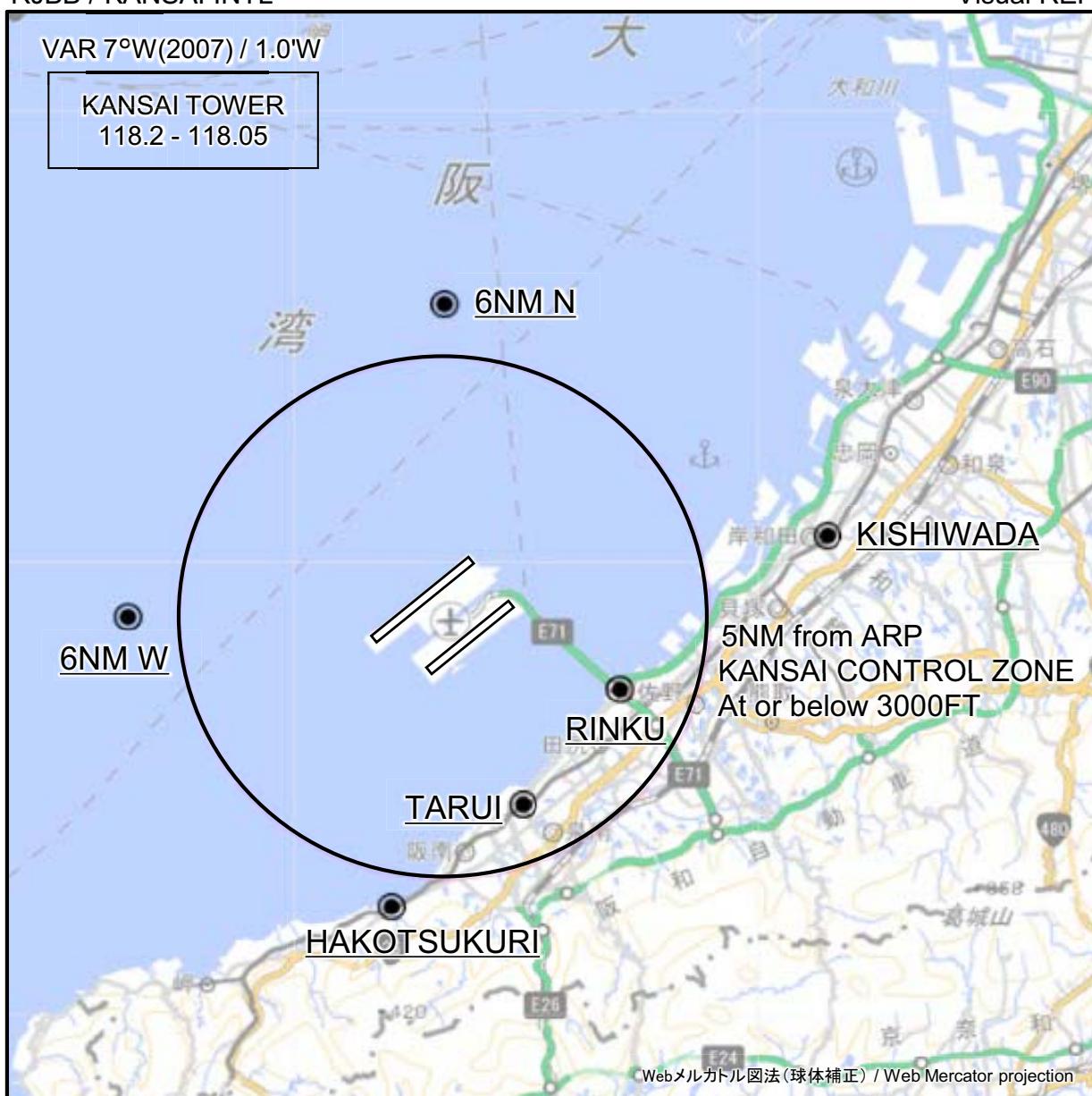
CHANGE : VAR. HLDG pattern(ISPUM) established. HLDG course(DATIS) .Waypoint coordinate(ISPUM) added.

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	ISPUM	342548.3N/1351506.4E
BECKY	335509.0N/1343030.6E	LILAC	342710.7N/1345842.0E
BERRY	341502.0N/1345631.6E	MAYAH	343623.7N/1351211.0E
BERTH	340911.4N/1341900.0E		

RJBB / KANSAI INTL

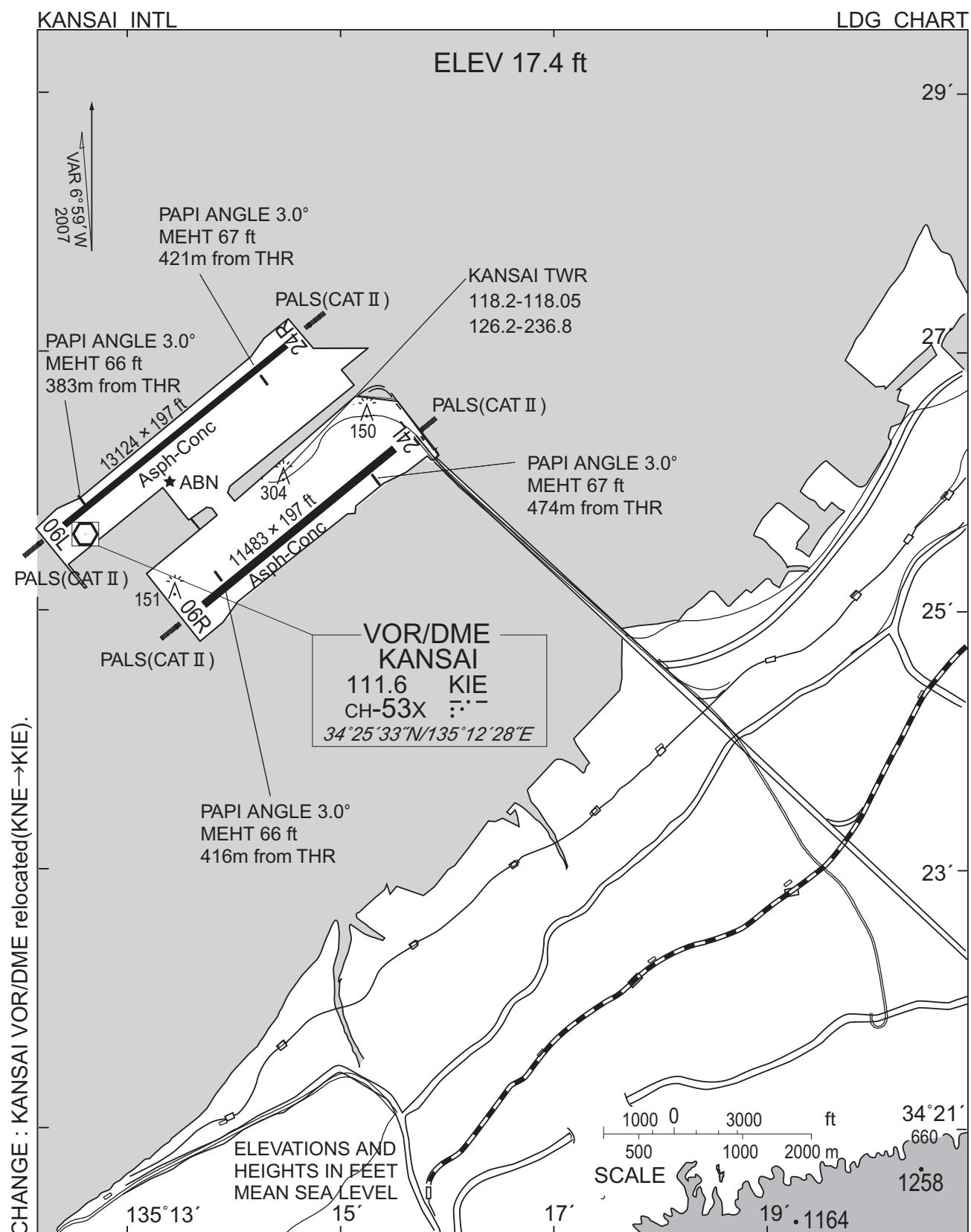
Visual REP



※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).

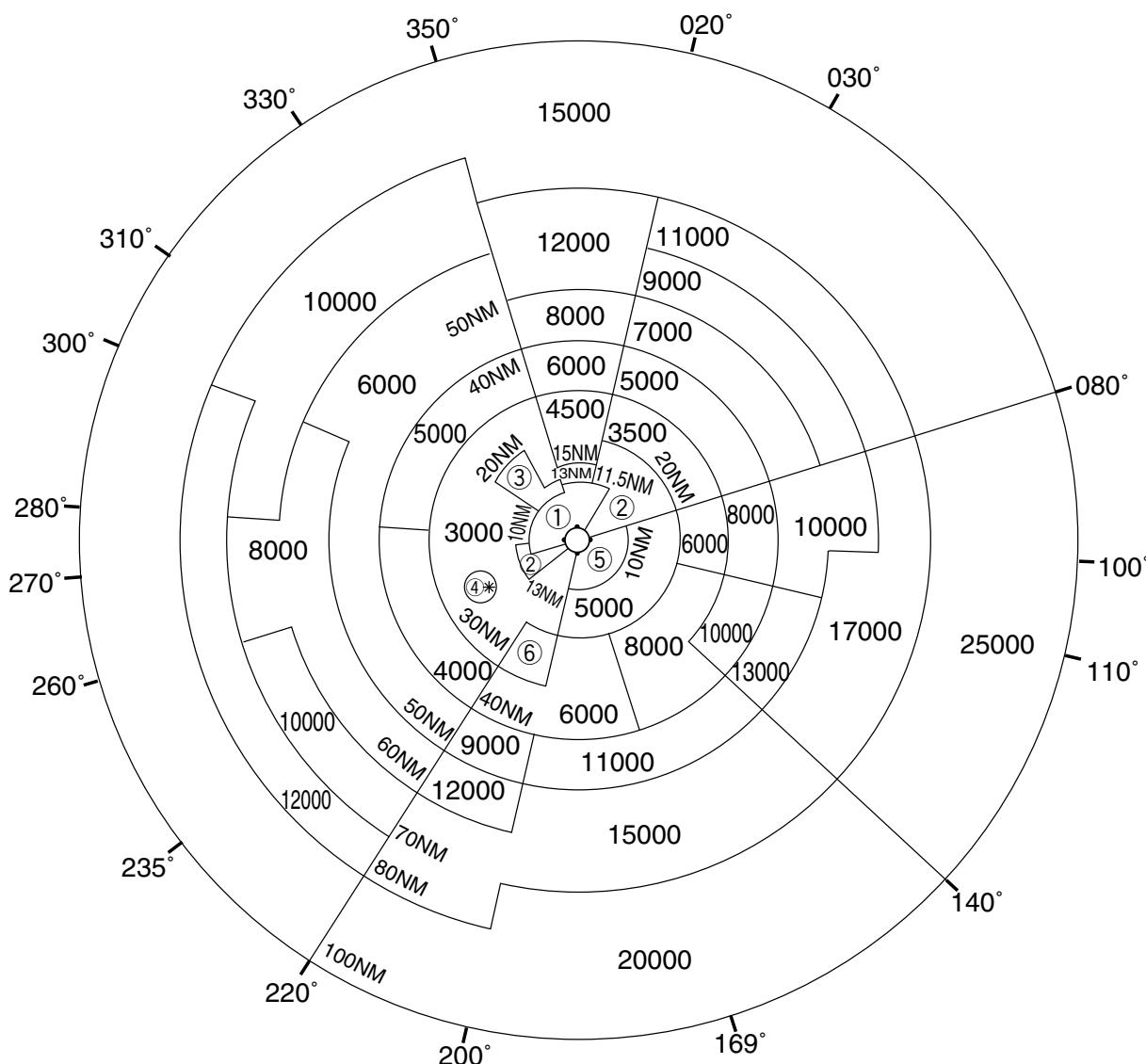
Call sign	BRG / DIST from ARP	Remarks
6NM N	360°T / 6.0NM	海上 Over the sea
岸和田 Kishiwada	078°T / 7.4NM	南海本線・岸和田駅 Station
6NM W	270°T / 6.0NM	海上 Over the sea
りんくう Rinku	113°T / 3.6NM	ビル Building
樽井 Tarui	158°T / 3.9NM	南海本線・樽井駅 Station
箱作 Hakotsukuri	190°T / 5.6NM	南海本線・箱作駅 Station



RJBB / KANSAI INTL

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