

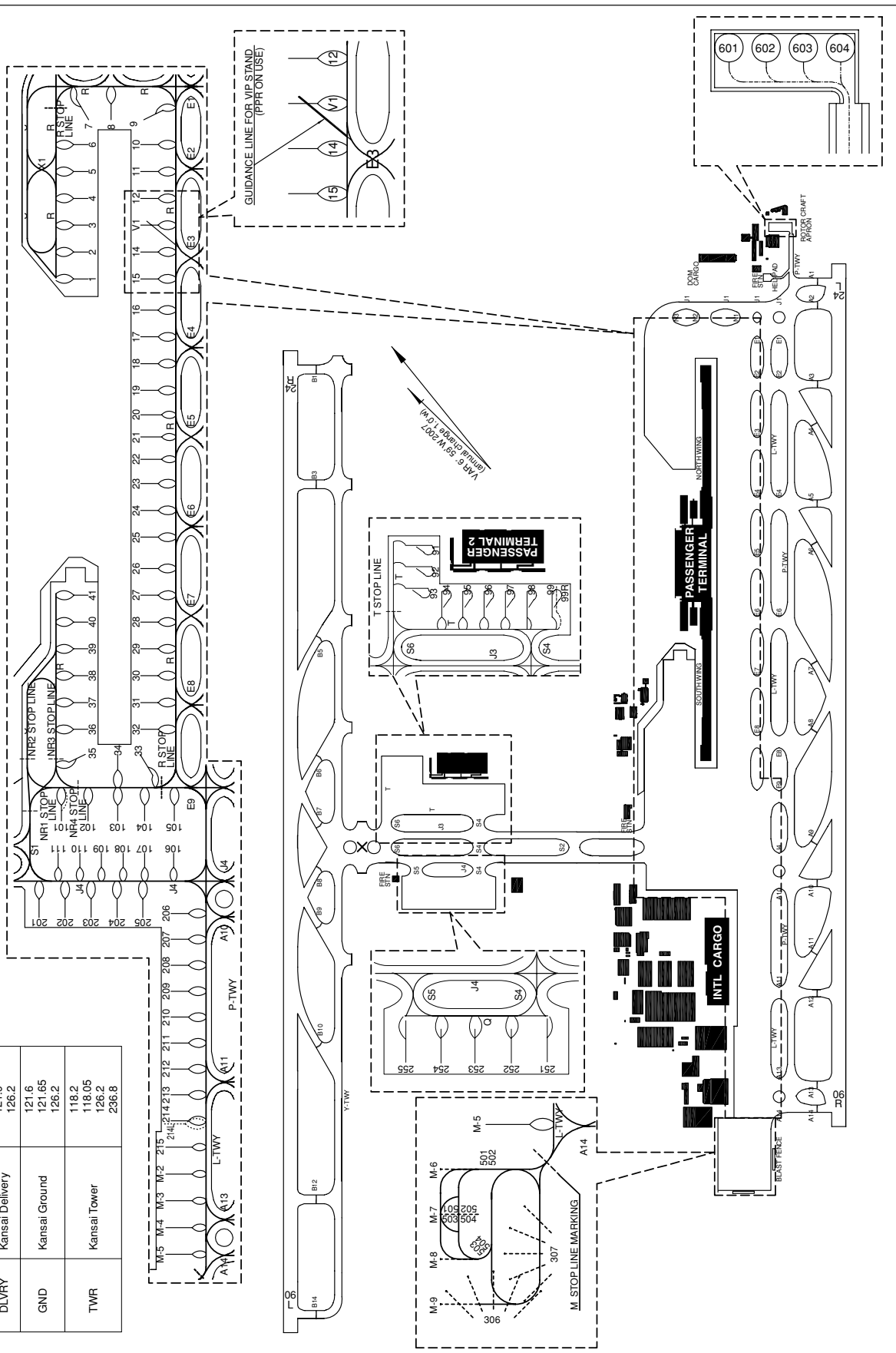


RJBB / KANSAI INTL

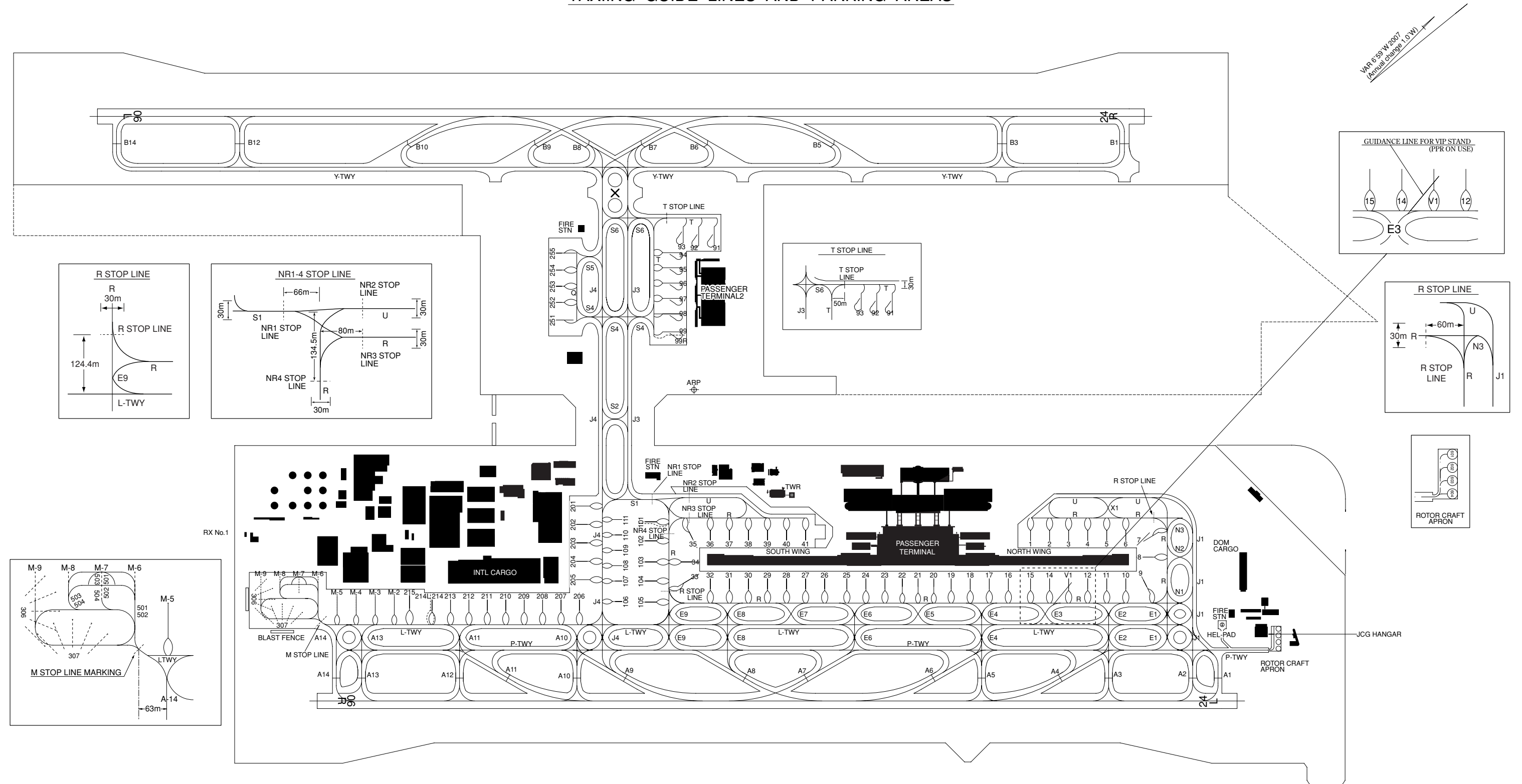
Designation	Call Sign	Frequency (MHz)
ATIS	Kansai INTL Airport	127.85
DLVRV	Kansai Delivery	121.9 126.2
GND	Kansai Ground	121.6 121.65 126.2
TWR	Kansai Tower	118.2 118.05 126.2 236.8

KANSAI INTL AP

ELEV 5.3m(17.4ft)



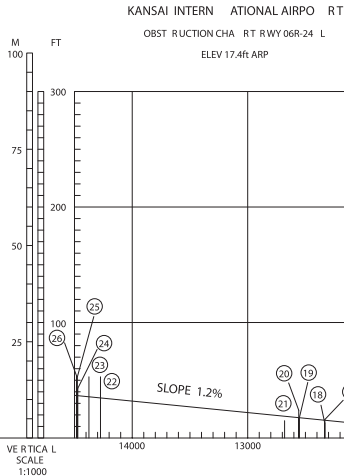
TAXIING GUIDE LINES AND PARKING AREAS



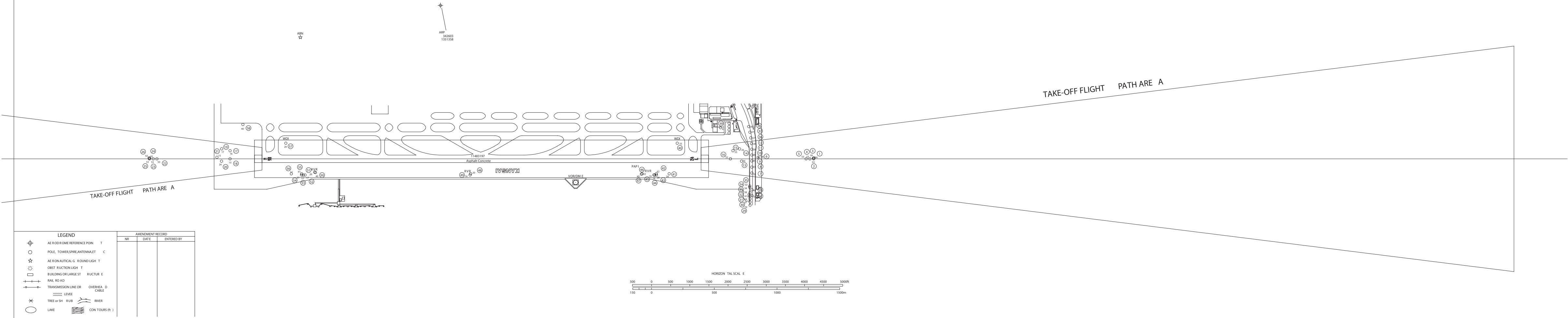
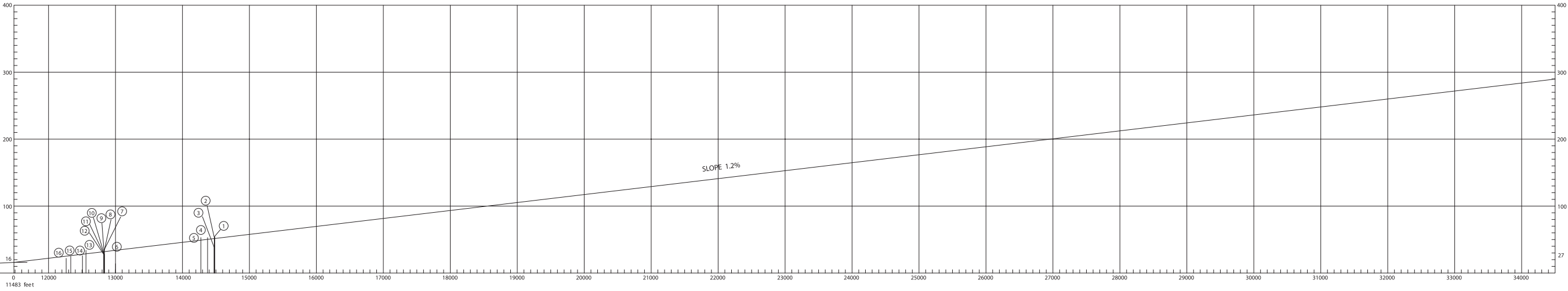


MAGNETIC VARIATION 6°59'W (2007)

AERODROME OBSTRUCTION CHART
TYPE A

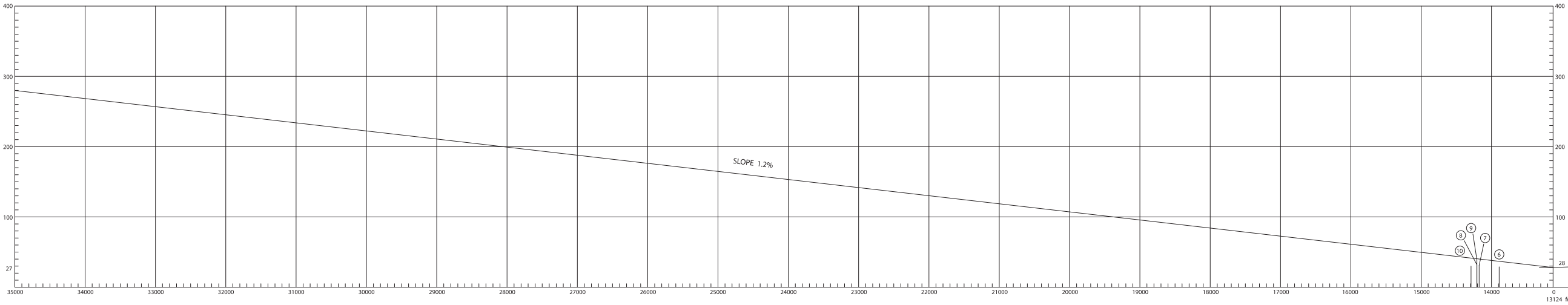


OPERATIONAL DATA	
RWY06 R	RWY24 L
TAKE OFF RUN AVAILABLE	3500m(11483 feet)
TAKE OFF DIS TANCE AVAILABLE	3500m(11483 feet)
ACCELERATES TO STOP DIS TANCE AVAILABLE	3560m(11680 feet)
LANDING DIS TANCE AVAILABLE	3500m(11483 feet)

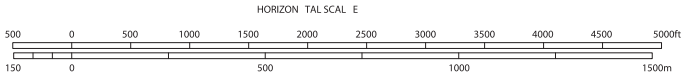
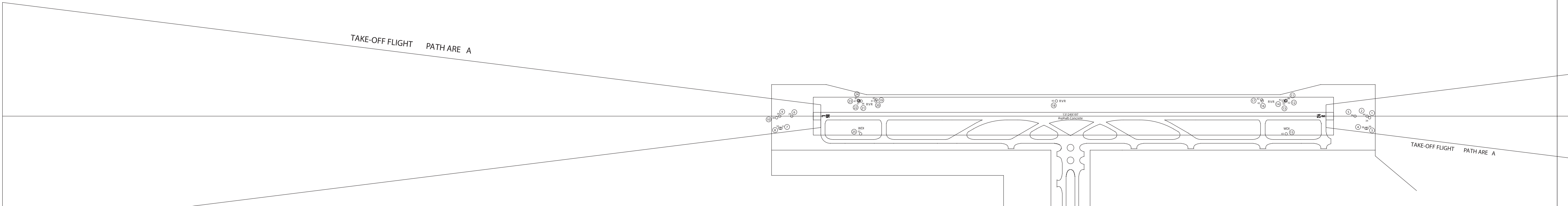
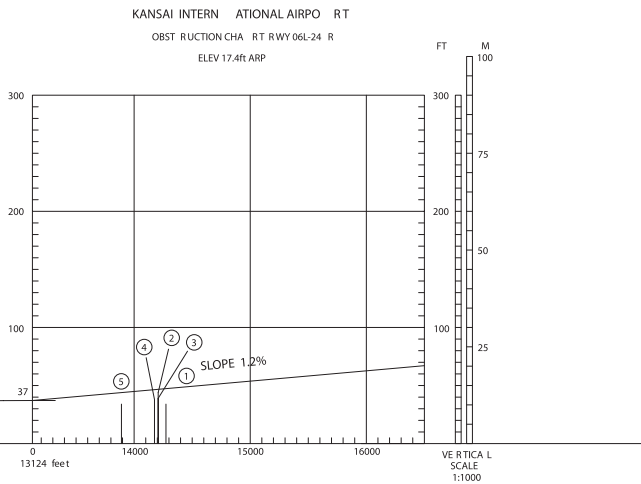


AERODROME OBSTRUCTION CHART
TYPE A

MAGNETIC VARIATION 6°59'W (2007)



OPERATIONAL DATA	
RWY06 L	RWY24 R
TAKE OFF RUN AVAILABL E	4000m(13124 feet)
TAKE OFF DIS TANCE AVAILABL E	4000m(13124 feet)
ACCELER ATES TOP DIS TANCE AVAILABL E	4000m(13124 feet)
LANDING DIS TANCE AVAILABL E	4000m(13124 feet)



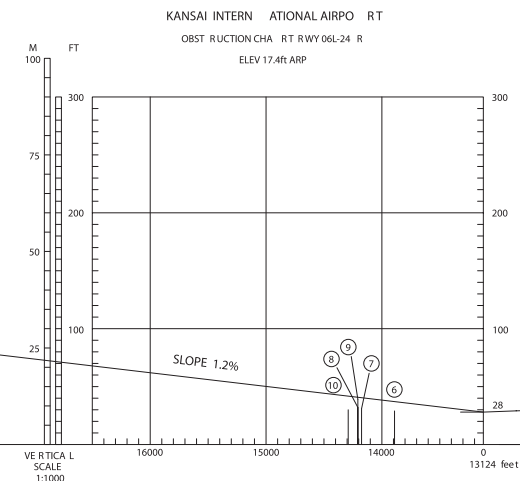
ARP
340603
1351358

LEGEND		AMENDMENT RECORD		
⊕	AERODROME REFERENCE POINT	NR	DATE	ENTERED BY
○	POLE, TOWER, SPIRE, ANTENNA, ETC.			
☆	AERONAUTICAL OBSTRUCTION LIGHT			
⋈	OBSTRUCTION LIGHT			
□	BUILDING OR LARGE STRUCTURE			
—+—+—	RAILROAD			
—+—+—	TRANSMISSION LINE OR CABLE			
—+—+—	OVERHEAD CABLE			
—+—+—	LEVEE			
✕	TREE OR SHRUB			
○	LAKE			
—+—+—	CONTOUR (M)			
—+—+—	RIVER			

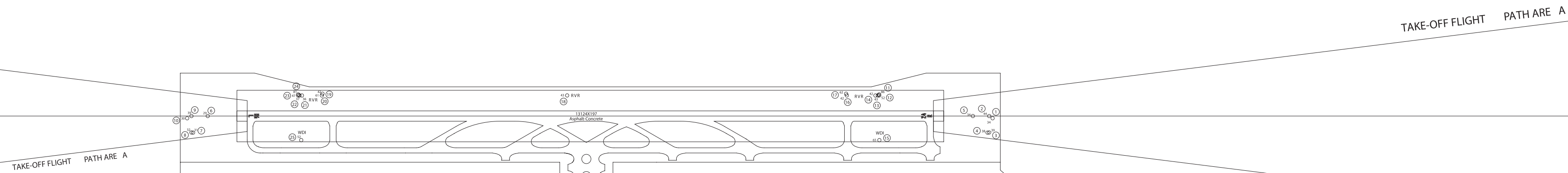
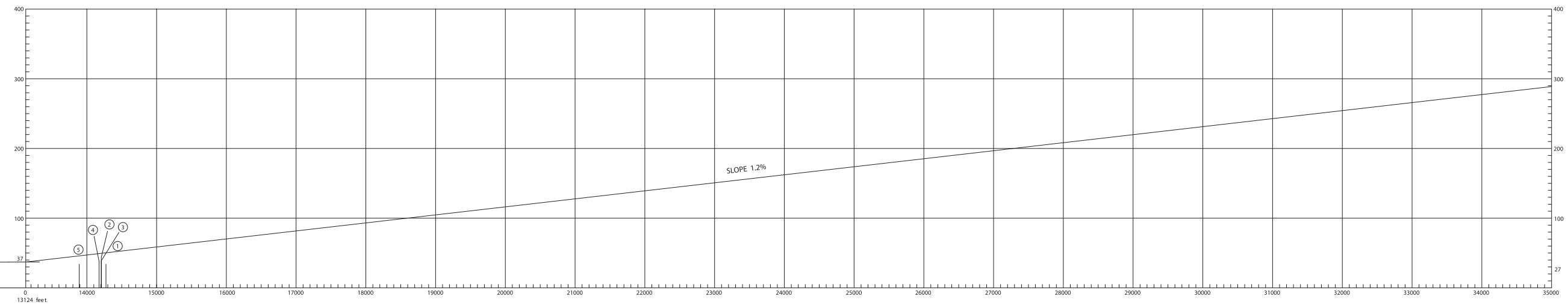
MAGNETIC VARIATION 6°59'W (2007)

AERODROME OBSTRUCTION CHART

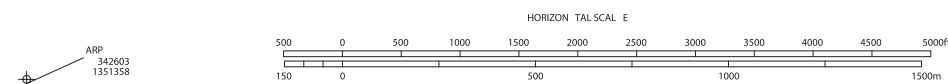
TYPE A



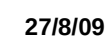
RWY : 0 6 L-2 4 R			
OPERATIONAL DATA			
RWY06 R			RWY24 L
TAKE OFF	RUN AVAILABLE	E	4000m(13124 feet)
TAKE OFF DIS	TANCE AVAILABLE	E	4000m(13124 feet)
ACCELER	ATE 5 TOP DIS	TANCE AVAILABLE	E 4060m(13320 feet)
LANDING DIS	TANCE AVAILABLE	E	4000m(13124 feet)



LEGEND		AMENDMENT RECORD		
		NR	DATE	ENTERED BY
	AE ROD/OME REFERENCE PON T			
	POLE, TOWERS/STREETS/NAET C			
	AE RON/AUTICAL G R/OUND LIGHT T			
	OBST RUCTION LIGHT T			
	BUILDING OR LARGE ST RUCTUR E			
	RAIL RO AD			
	TRANSMISSION LINE OR OVERHEAD C ABLE			
	LEVEE			
	TREE OF SH RUB			
	LAKE			
	RIVER			
	CON TOURS (F T)			

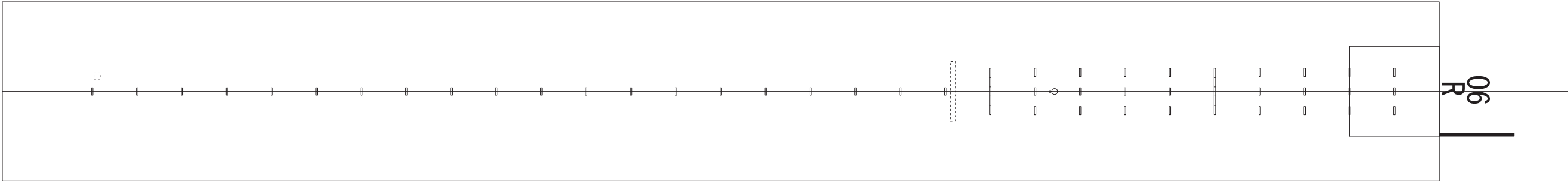


DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETICS

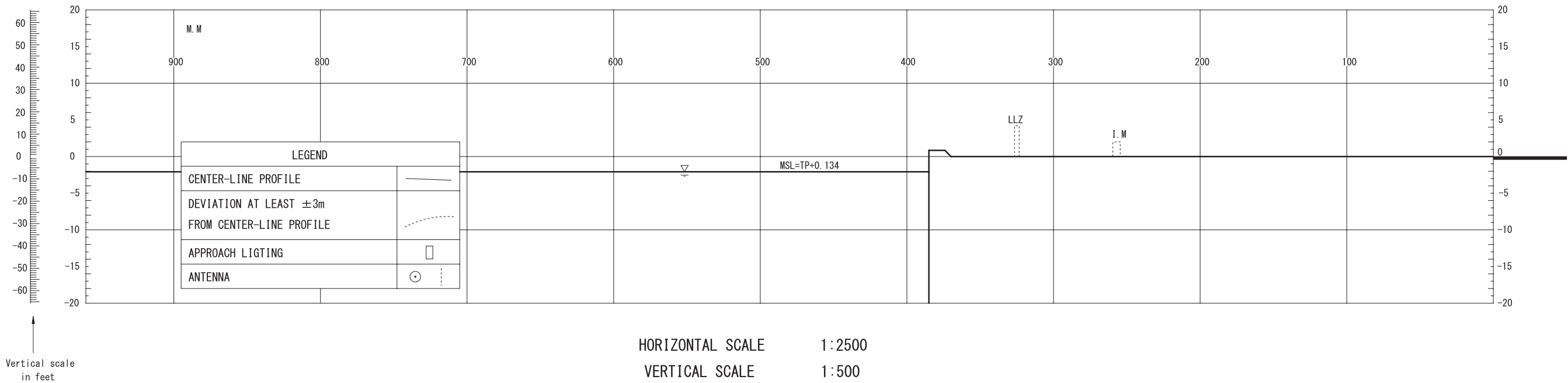


PRECISION APPROACH TERRAIN PROFILE CHART

DISTANCES AND HEIGHTS IN METERS
RWY 06R

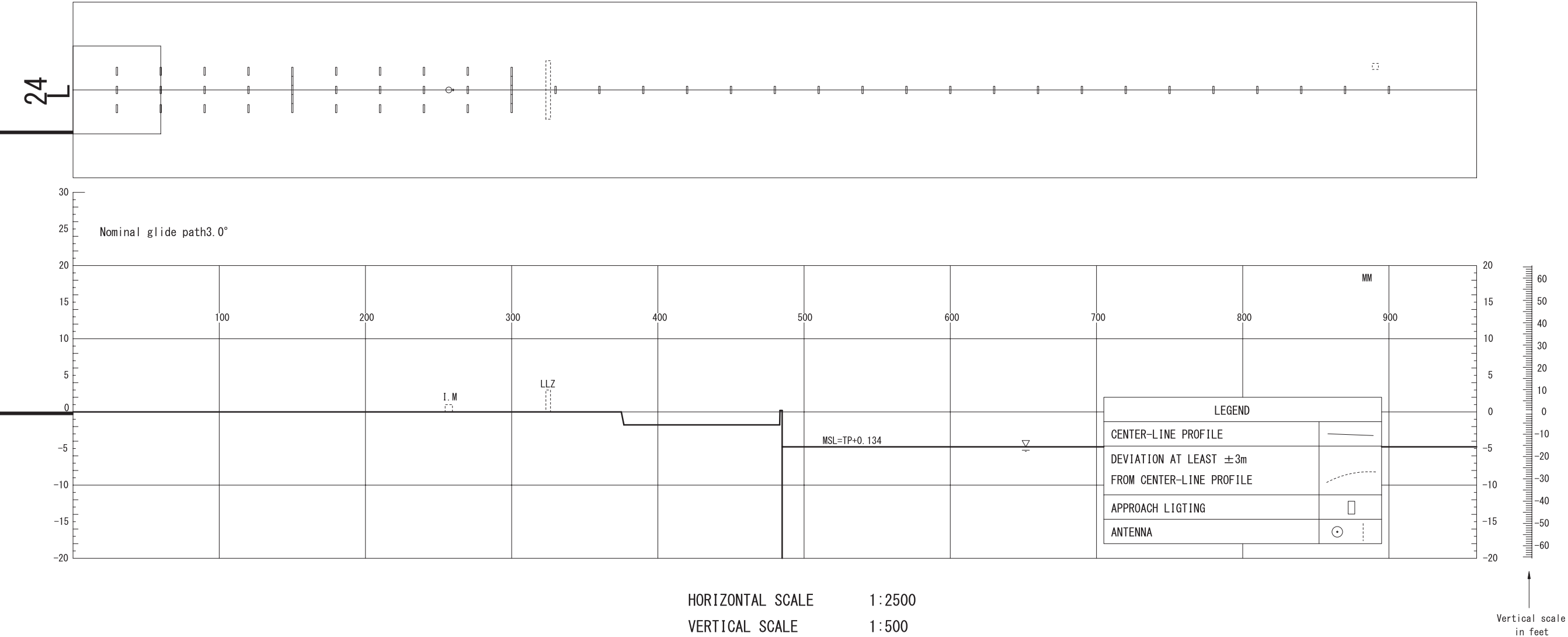


Nominal glide path 3.0°



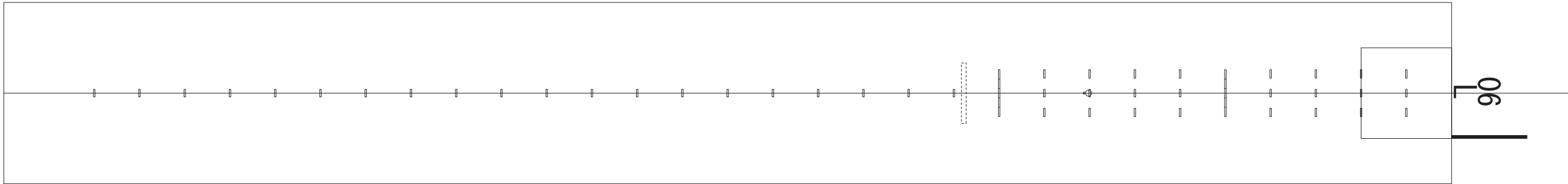
PRECISION APPROACH TERRAIN PROFILE CHART

DISTANCES AND HEIGHTS IN METERS
RWY 24L

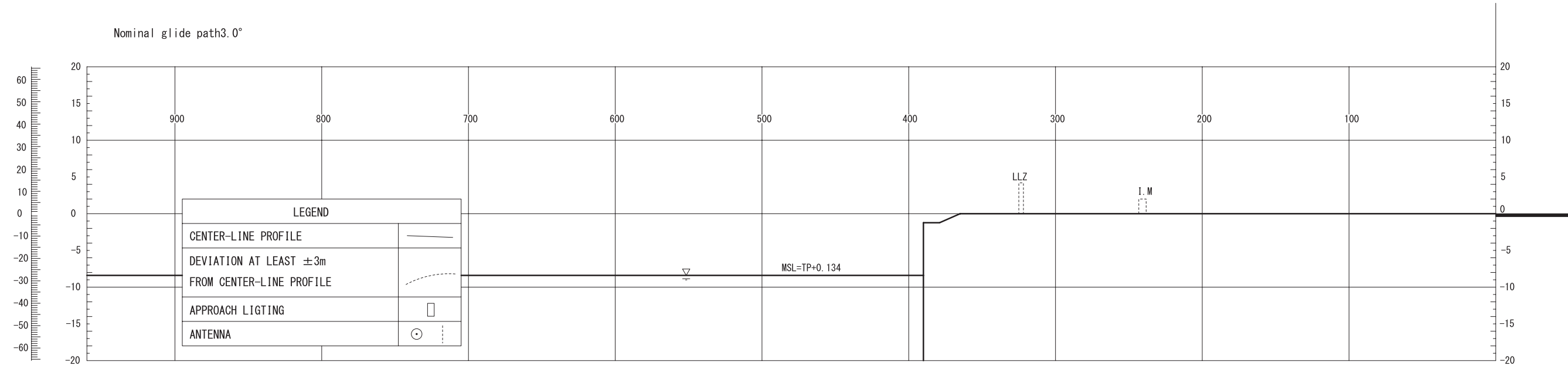


PRECISION APPROACH TERRAIN PROFILE CHART

DISTANCES AND HEIGHTS IN METERS
RWY 06L



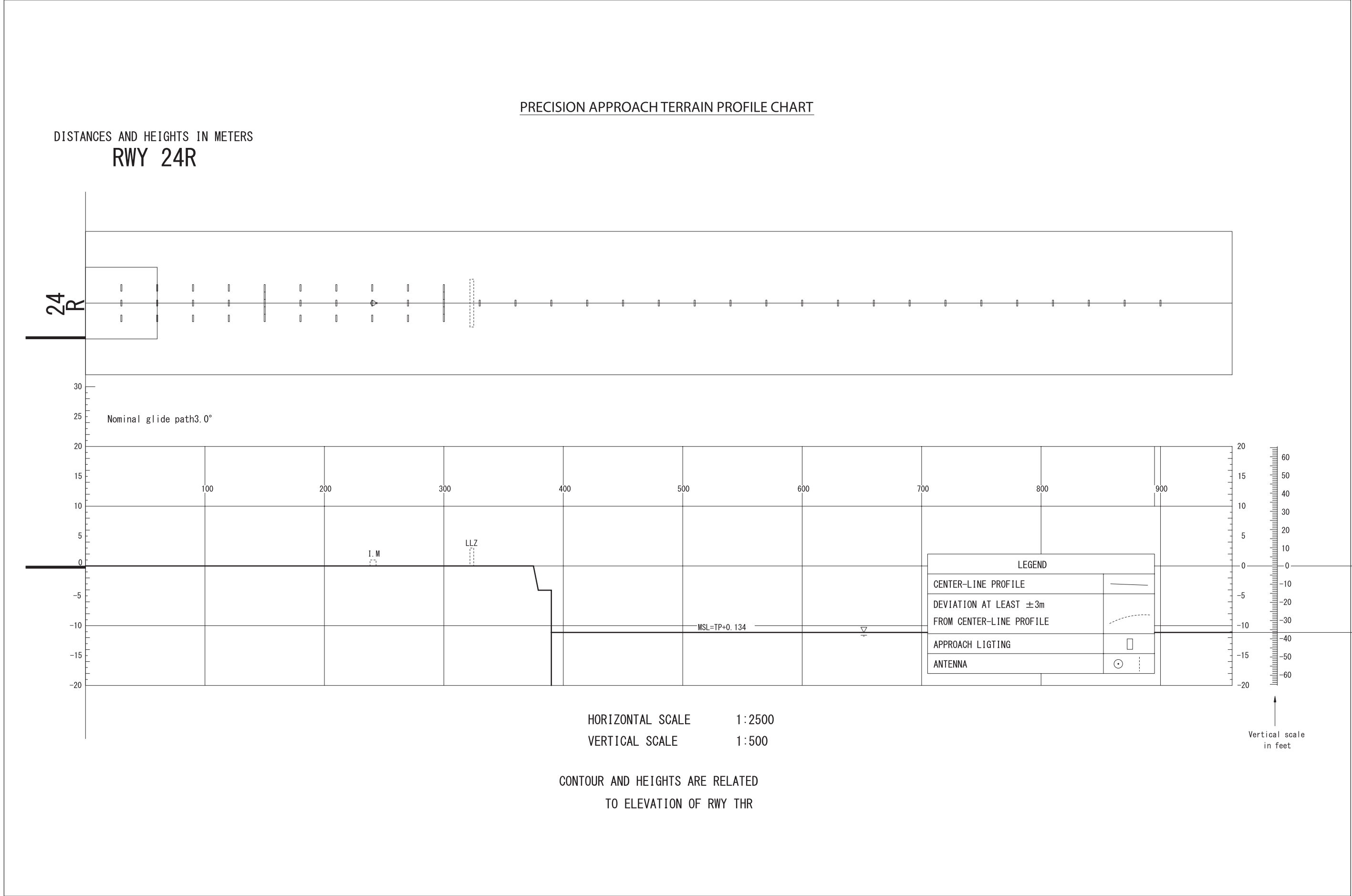
Nominal glide path 3.0°



Vertical scale
in feet

HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:500

CONTOUR AND HEIGHTS ARE RELATED
TO ELEVATION OF RWY THR



STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

SID

MAIKO FIVE DEPARTURE

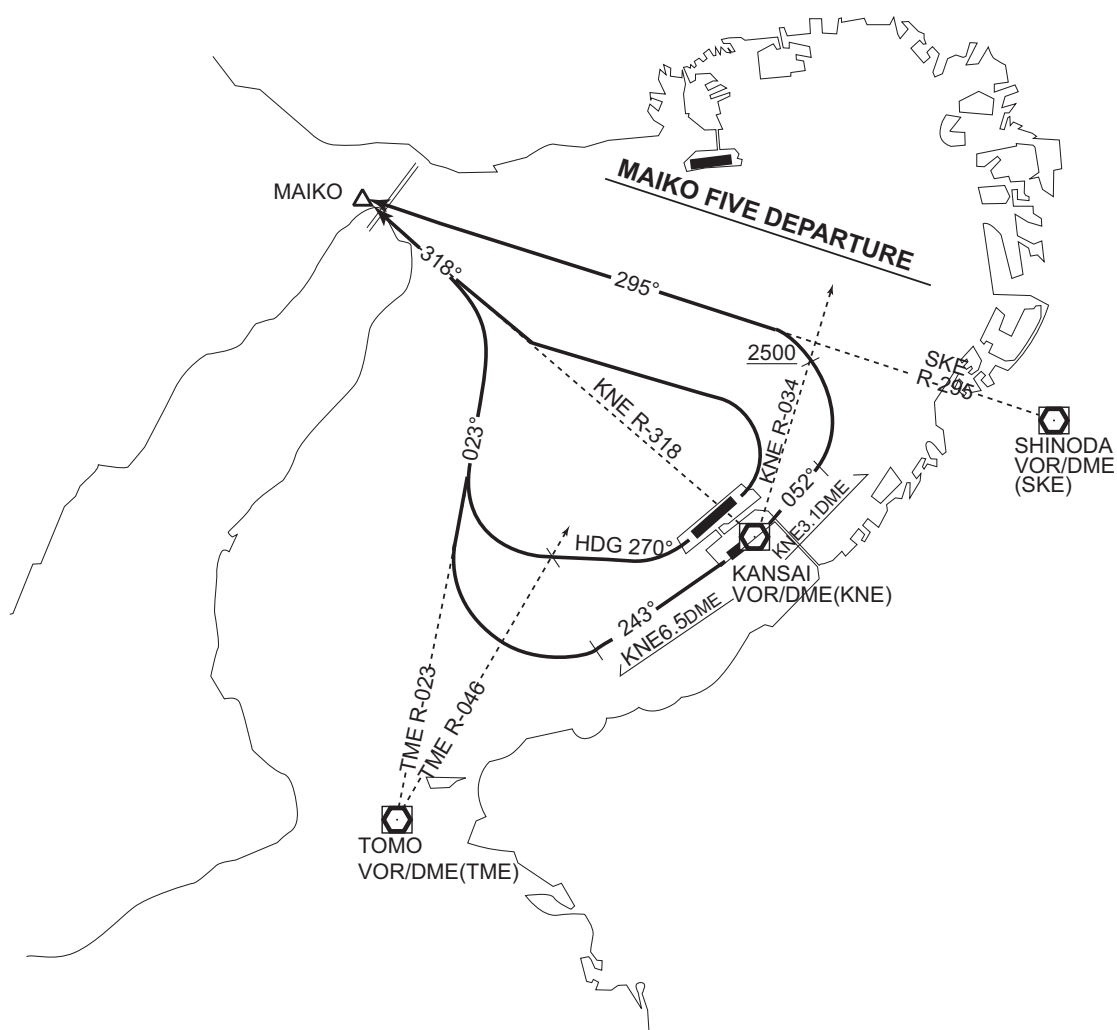
RWY06R : Climb via KNE R-052 to 3.1DME, turn left and proceed via SKE R-295 to MAIKO.

Cross KNE R-034 at or above 2500FT.

RWY06L : Turn left, climb via KNE R-318 to MAIKO.

RWY24R : Turn right, climb via HDG 270DEG until TME R-046, then turn right to intercept and proceed via TME R-023, then turn left via KNE R-318 to MAIKO.

RWY24L : Climb via KNE R-243 to 6.5DME, turn right and proceed via TME R-023 to intercept and proceed via KNE R-318 to MAIKO.



STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

SID

GLORY ONE DEPARTURE

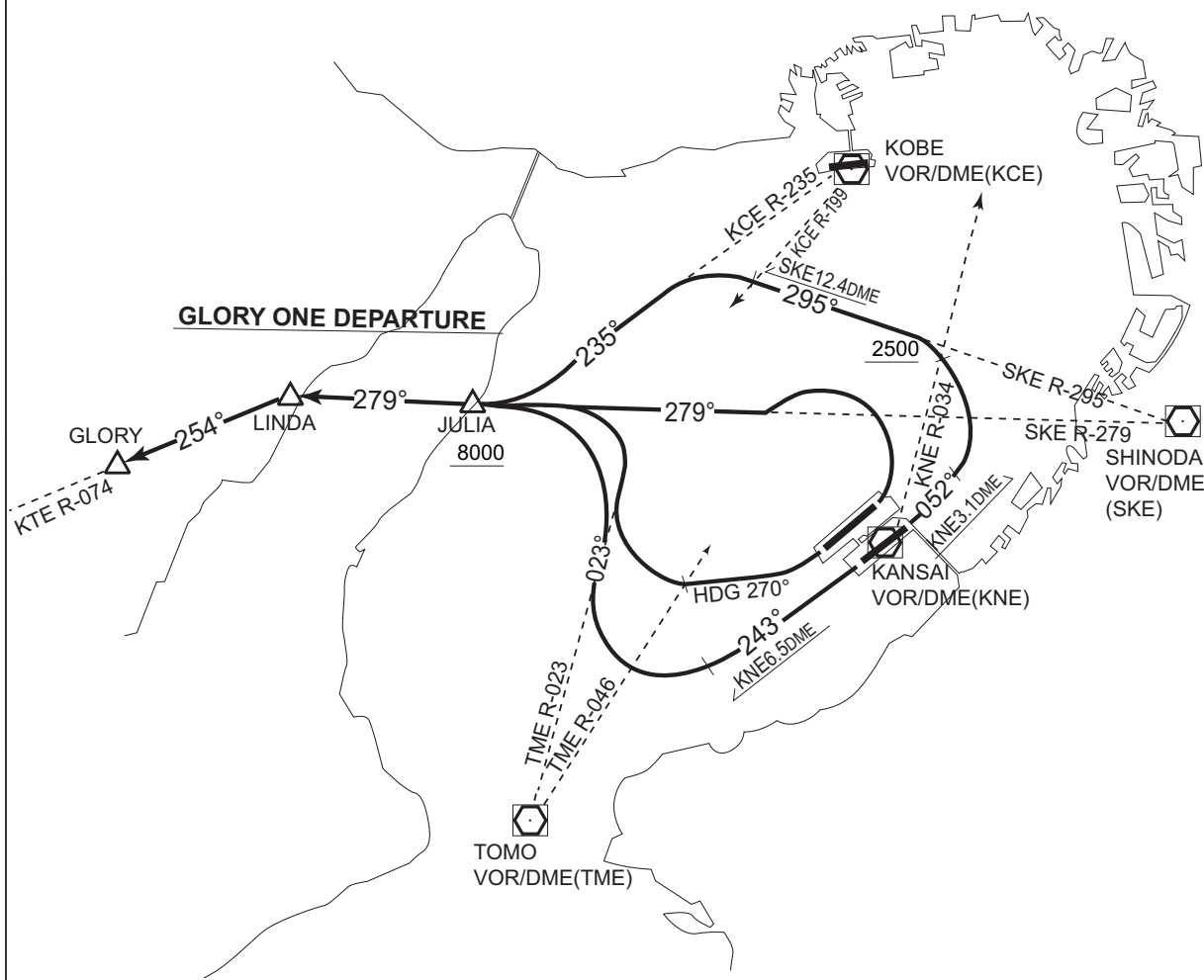
RWY06R : Climb via KNE R-052 to 3.1DME, turn left and proceed via SKE R-295 to SKE 12.4DME(KCE R-199), then turn left and proceed via KCE R-235 to intercept and proceed via SKE R-279 to LINDA via JULIA, then proceed via KTE R-074 to GLORY.

Cross KNE R-034 at or above 2,500ft, cross JULIA at or above 8,000ft.

RWY06L : Turn left, climb via SKE R-279 to LINDA via JULIA, then proceed via KTE R-074 to GLORY. Cross JULIA at or above 8,000ft.

RWY24R : Turn right, climb via HDG 270DEG until TME R-046, then turn right to intercept and proceed via TME R-023, then turn left to intercept and proceed via SKE R-279 to LINDA via JULIA, then proceed via KTE R-074 to GLORY. Cross JULIA at or above 8,000ft.

RWY24L : Climb via KNE R-243 to 6.5DME, turn right and proceed via TME R-023, then turn left to intercept and proceed via SKE R-279 to LINDA via JULIA, then proceed via KTE R-074 to GLORY. Cross JULIA at or above 8,000ft.



STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

SID

NANKO REVERSAL THREE DEPARTURE

RWY06R: Climb via KNE R-052 to 3.1DME, turn left and proceed via SKE R-295 to 15.0DME, then turn left to intercept and proceed via CUE R-231 to NANKO.

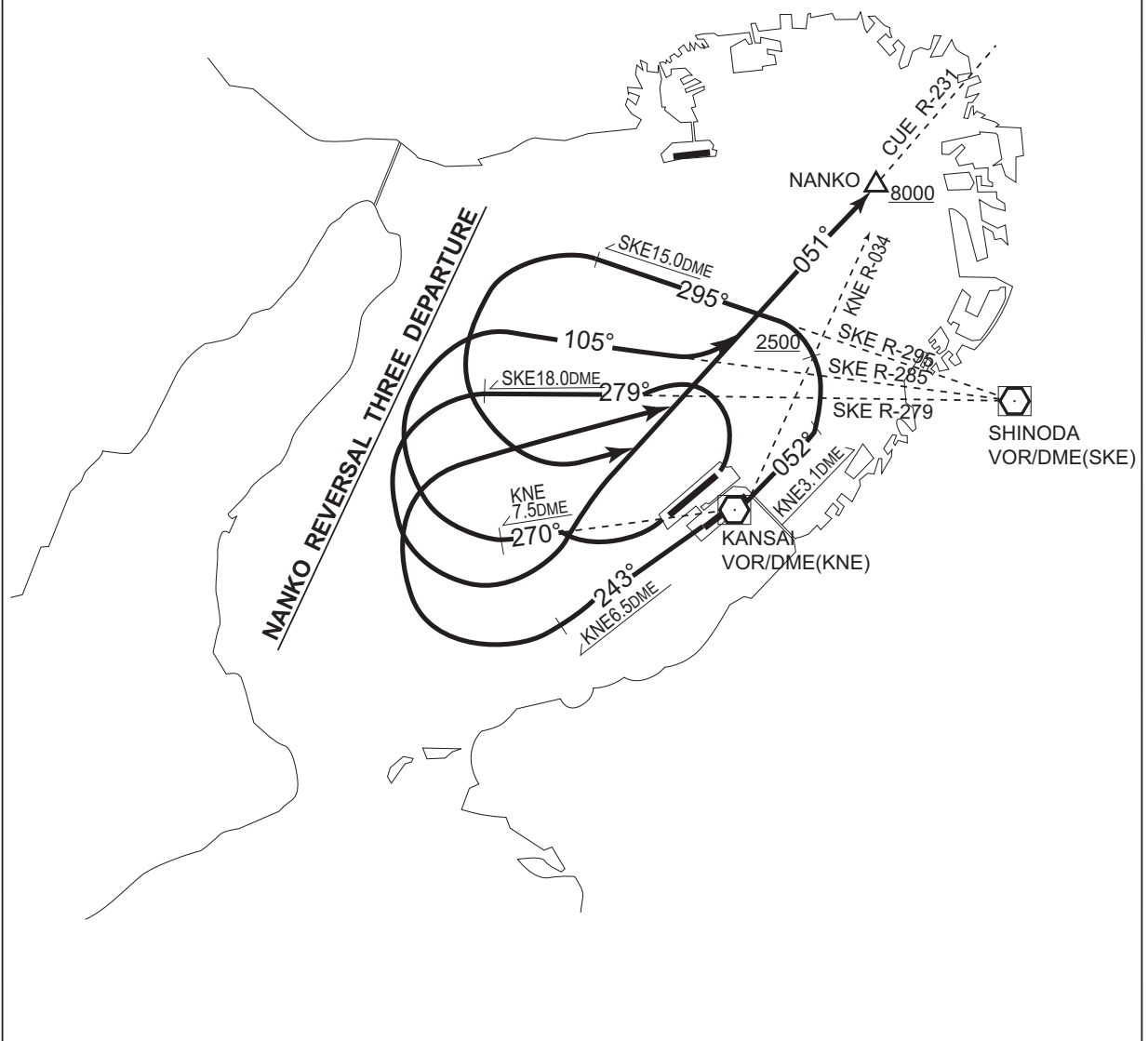
Cross KNE R-034 at or above 2,500ft. ...

RWY06L : Turn left, climb via SKE R-279 to 18.0DME, then turn left to intercept and proceed via CUE R-231 to NANKO. ...

RWY24R: Turn right, climb via KNE R-270 to 7.5DME, then turn right and proceed via SKE R-285 to intercept and proceed via CUE R-231 to NANKO. ...

RWY24L : Climb via KNE R-243 to 6.5DME, turn right to intercept and proceed via CUE R-231 to NANKO. ...

...Cross NANKO at or above 8,000ft.



STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

SID

KANSAI REVERSAL TWO DEPARTURE

RWY06R : Climb via KNE R-052 to 3.1DME, turn left and proceed via SKE R-295 to 15.0DME, then turn left and proceed via KNE R-294 to KNE VOR/DME.

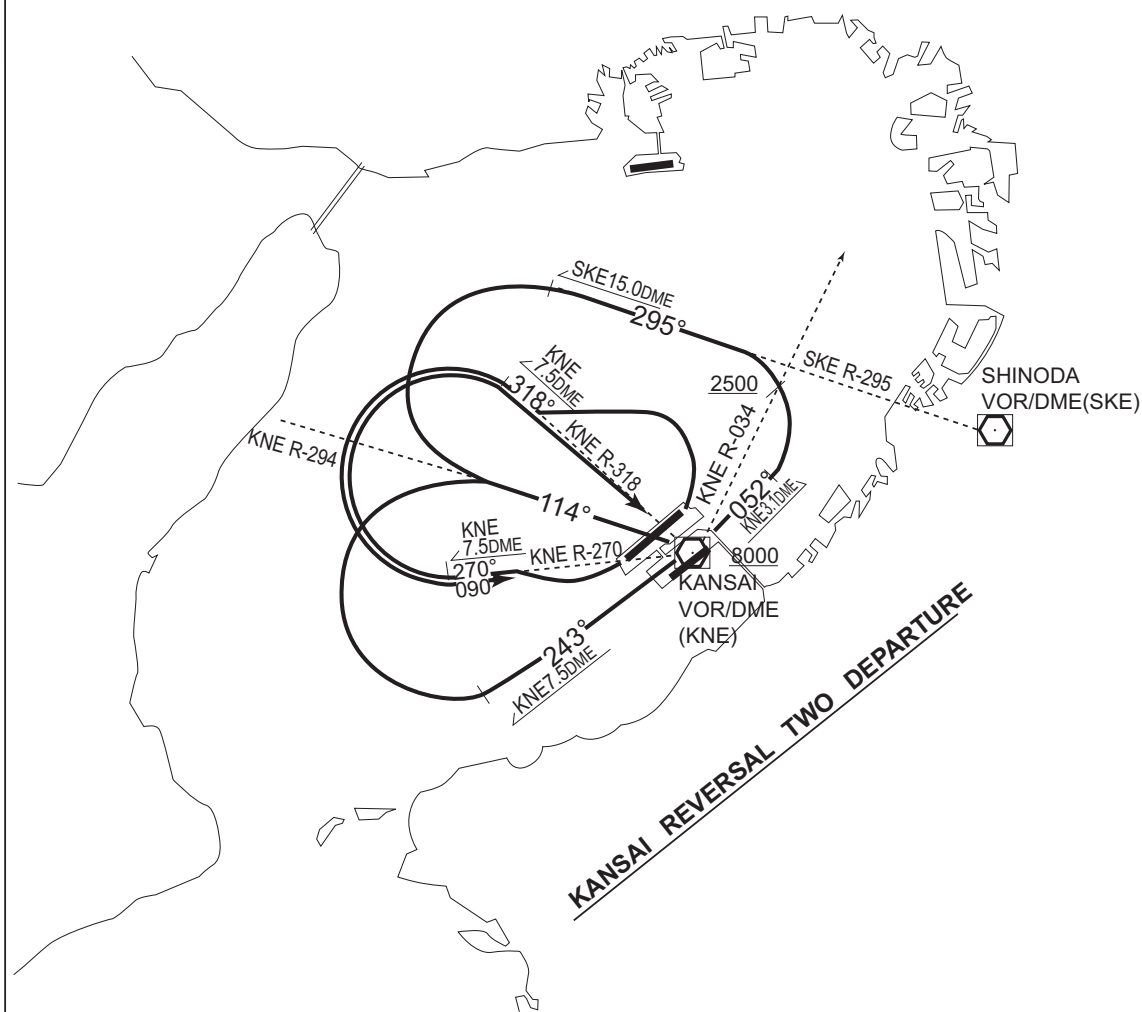
Cross KNE R-034 at or above 2,500ft. ...

RWY06L : Turn left, climb via KNE R-318 to 7.5DME, then turn left and proceed via KNE R-270 to KNE VOR/DME. ...

RWY24R : Turn right, climb via KNE R-270 to 7.5DME, then turn right and proceed via KNE R-318 to KNE VOR/DME. ...

RWY24L : Climb via KNE R-243 to 7.5DME, turn right and proceed via KNE R-294 to KNE VOR/DME. ...

...Cross KNE VOR/DME at or above 8,000ft.



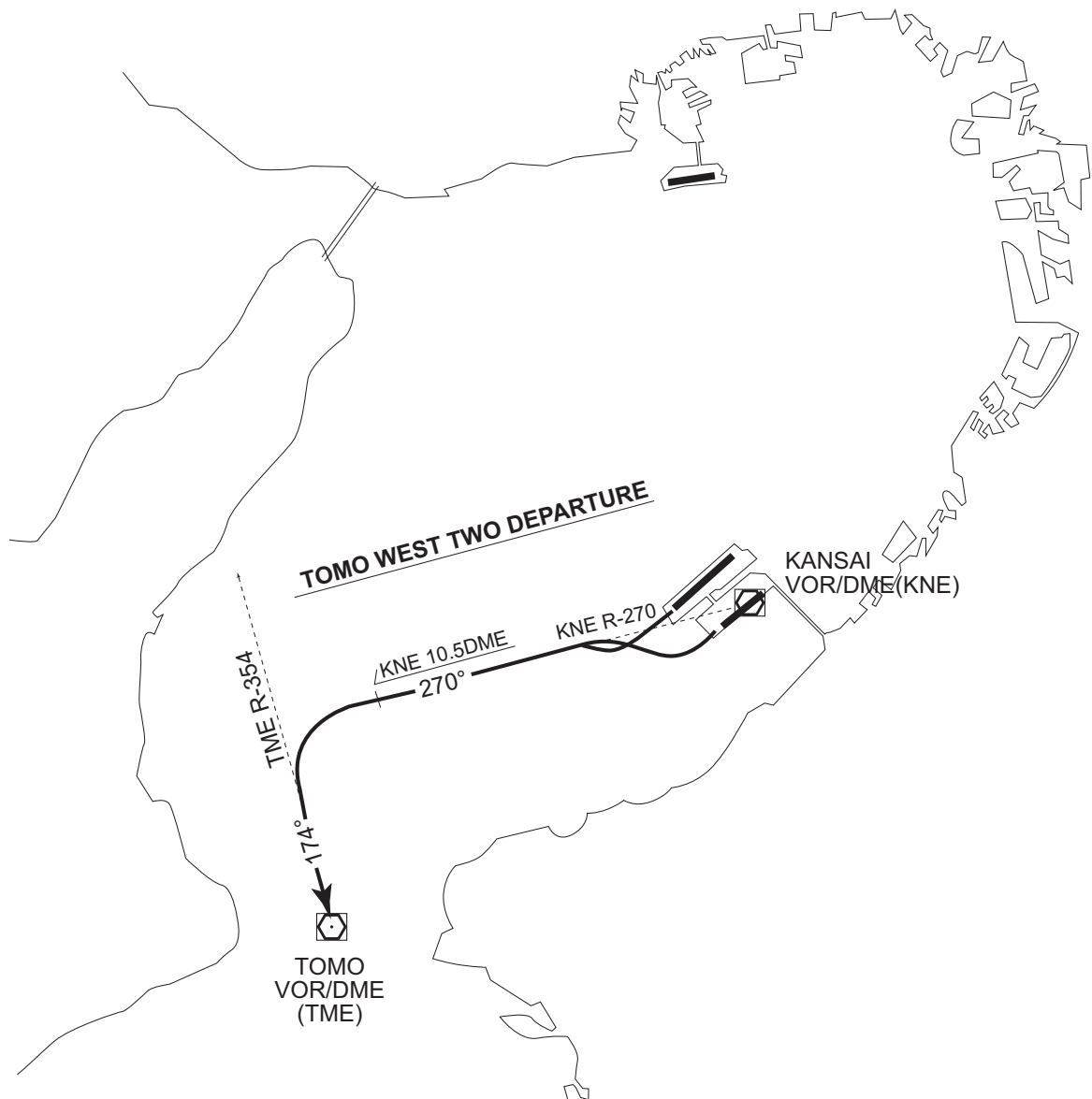
STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

SID

TOMO WEST TWO DEPARTURE

RWY24R/24L : Turn right, climb via KNE R-270 until KNE 10.5DME, then turn left to intercept and proceed via TME R-354 to TME VOR/DME.



STANDARD DEPARTURE CHART-INSTRUMENT

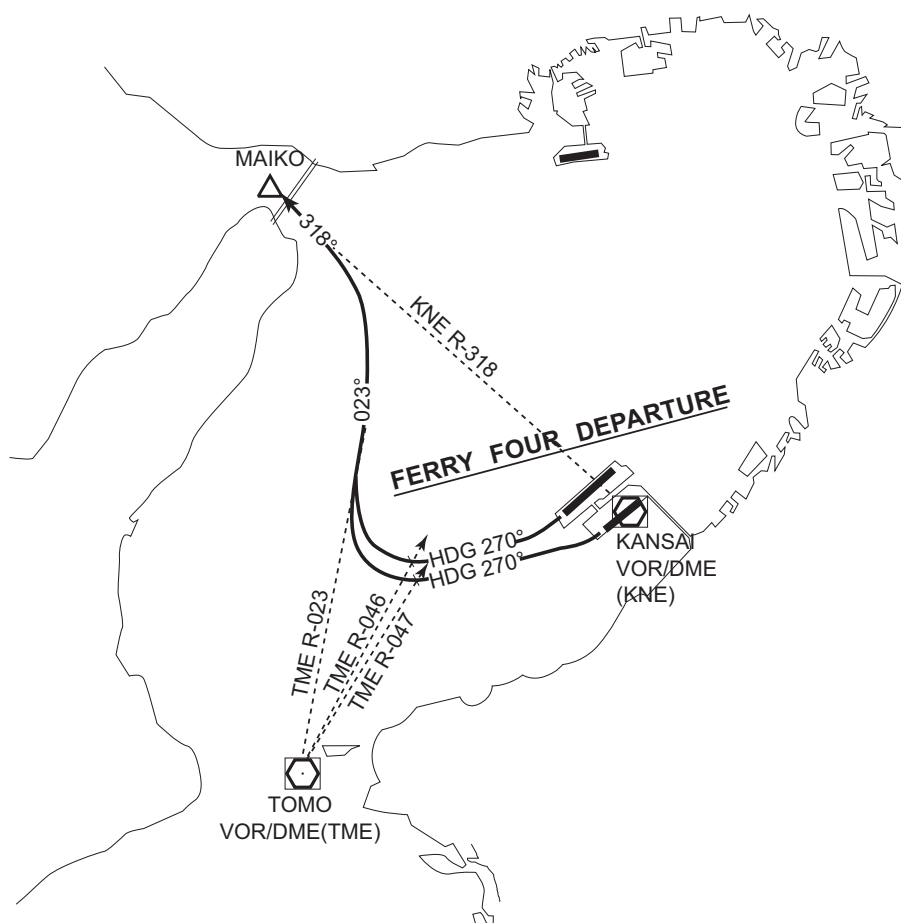
RJBB / KANSAI INTL

SID

FERRY FOUR DEPARTURE

RWY24R : Turn right, climb via HDG 270DEG until TME R-046, then turn right to intercept and proceed via TME R-023, turn left and proceed via KNE R-318 to MAIKO.

RWY24L : Turn right, climb via HDG 270DEG until TME R-047, then turn right to intercept and proceed via TME R-023, turn left and proceed via KNE R-318 to MAIKO.



STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

SID

TOMO FIVE DEPARTURE

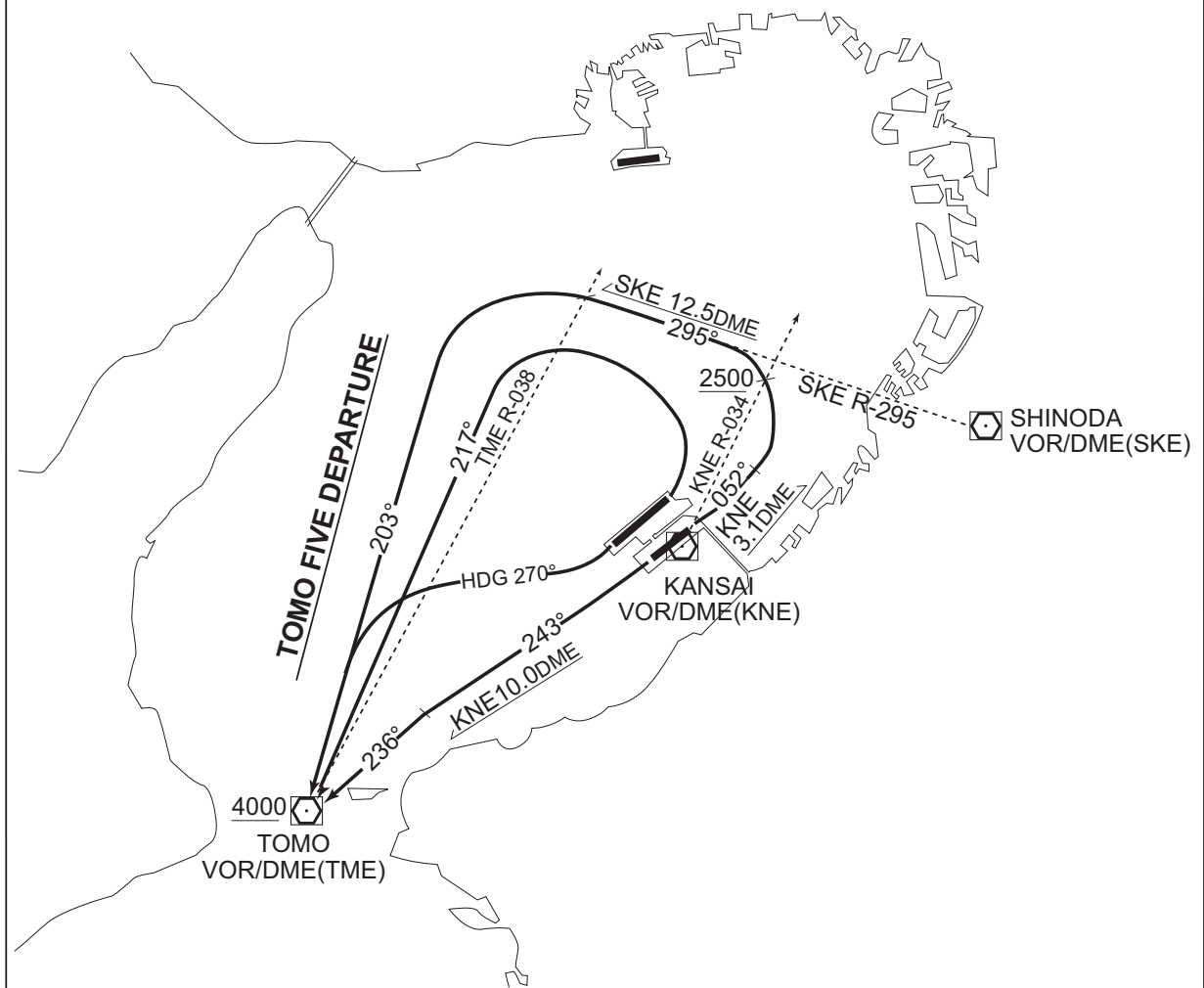
RWY06R : Climb via KNE R-052 to 3.1DME, turn left and proceed via SKE R-295 until SKE 12.5DME(TME R-038), then turn left to intercept and proceed via TME R-023 to TME VOR/DME.
Cross KNE R-034 at or above 2500ft. ...

RWY06L : Turn left, climb via TME R-037 to TME VOR/DME. ...

RWY24R : Turn right, climb via HDG 270DEG to intercept and proceed via TME R-023 to TME VOR/DME.

RWY24L : Climb via KNE R-243 to 10.0DME, turn left and proceed via TME R-056 to TME VOR/DME. ...

...Cross TME VOR/DME at or above 4000ft.



STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

TRANSITION

KAGAWA TRANSITION

From over GLORY, proceed via KTE R074 to KTE VOR/DME.

KOCHI SOUTH TRANSITION

From over TME VOR/DME, proceed via TME R243/30DME, then KRE R063 to KRE VOR/DME.

Cross TME R243/30DME(KRE R063/50DME) at or above 13000FT, cross KRE R063/26DME at or above FL160.

OGURA TRANSITION

From over NANKO, climb via CUE R231 to OGURA.

NARAH TRANSITION

From over KNE VOR/DME, climb via KNE R086 to NARAH.

KUSHIMOTO TRANSITION

From over TME VOR/DME, proceed via TME R174/GBE R354 to GBE VOR/DME, then via GBE R136/KEC R316 to KEC VORTAC.

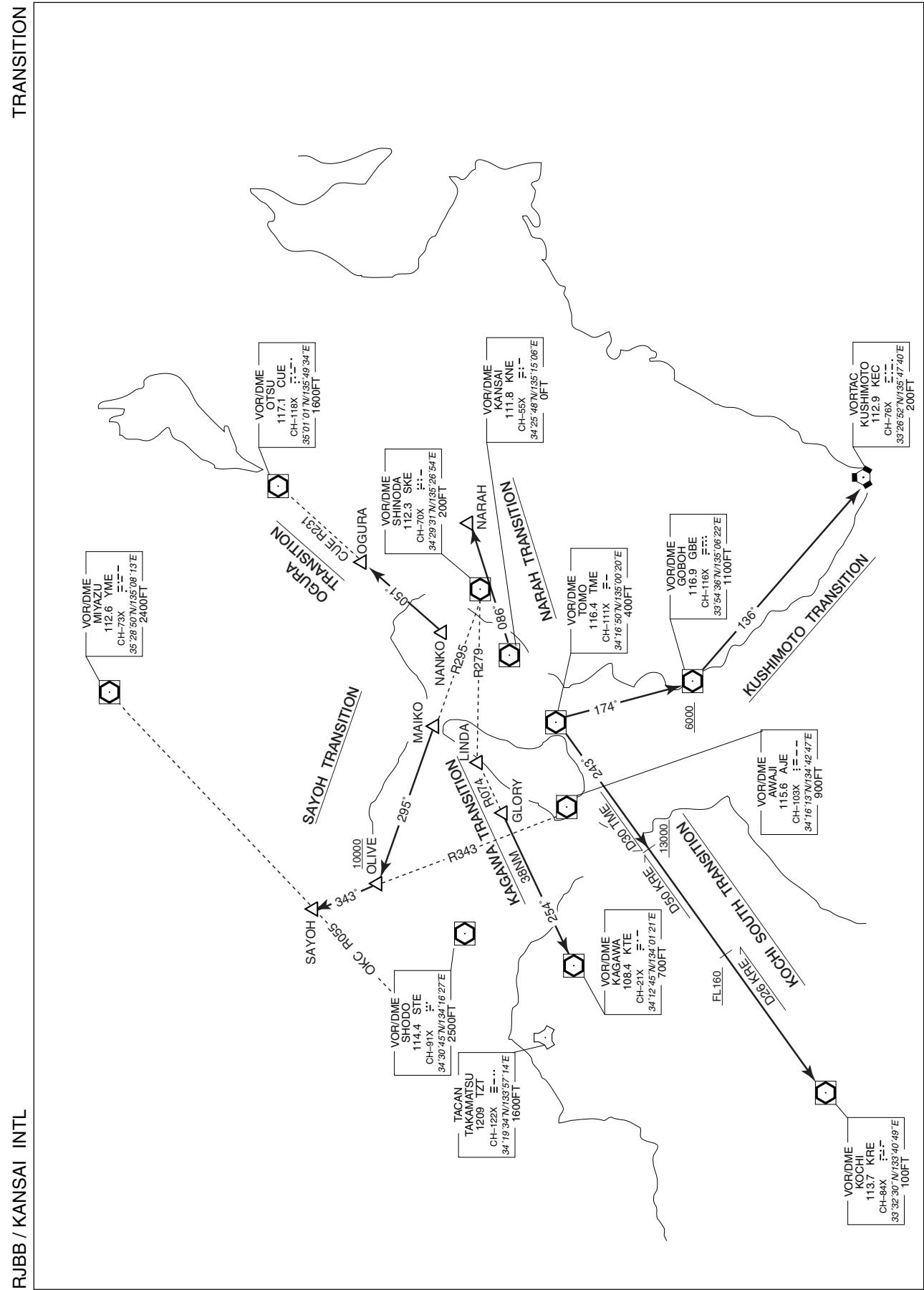
Cross GBE VOR/DME at or above 6000FT.

SAYOH TRANSITION

From over MAIKO, proceed via SKE R295 to OLIVE, turn right via AJE R343 to SAYOH.

Cross OLIVE at or above 10000FT.

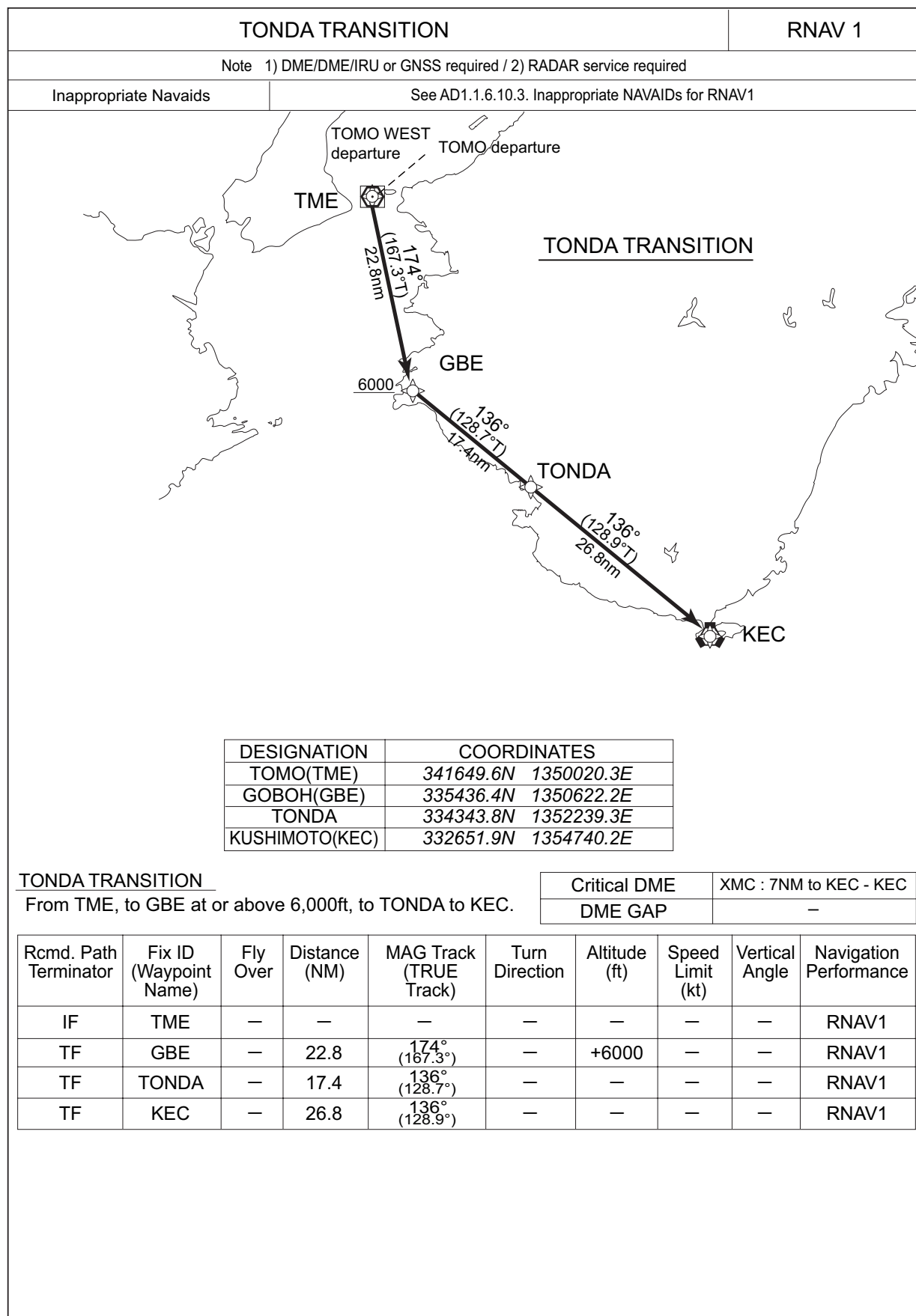
STANDARD DEPARTURE CHART-INSTRUMENT



STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

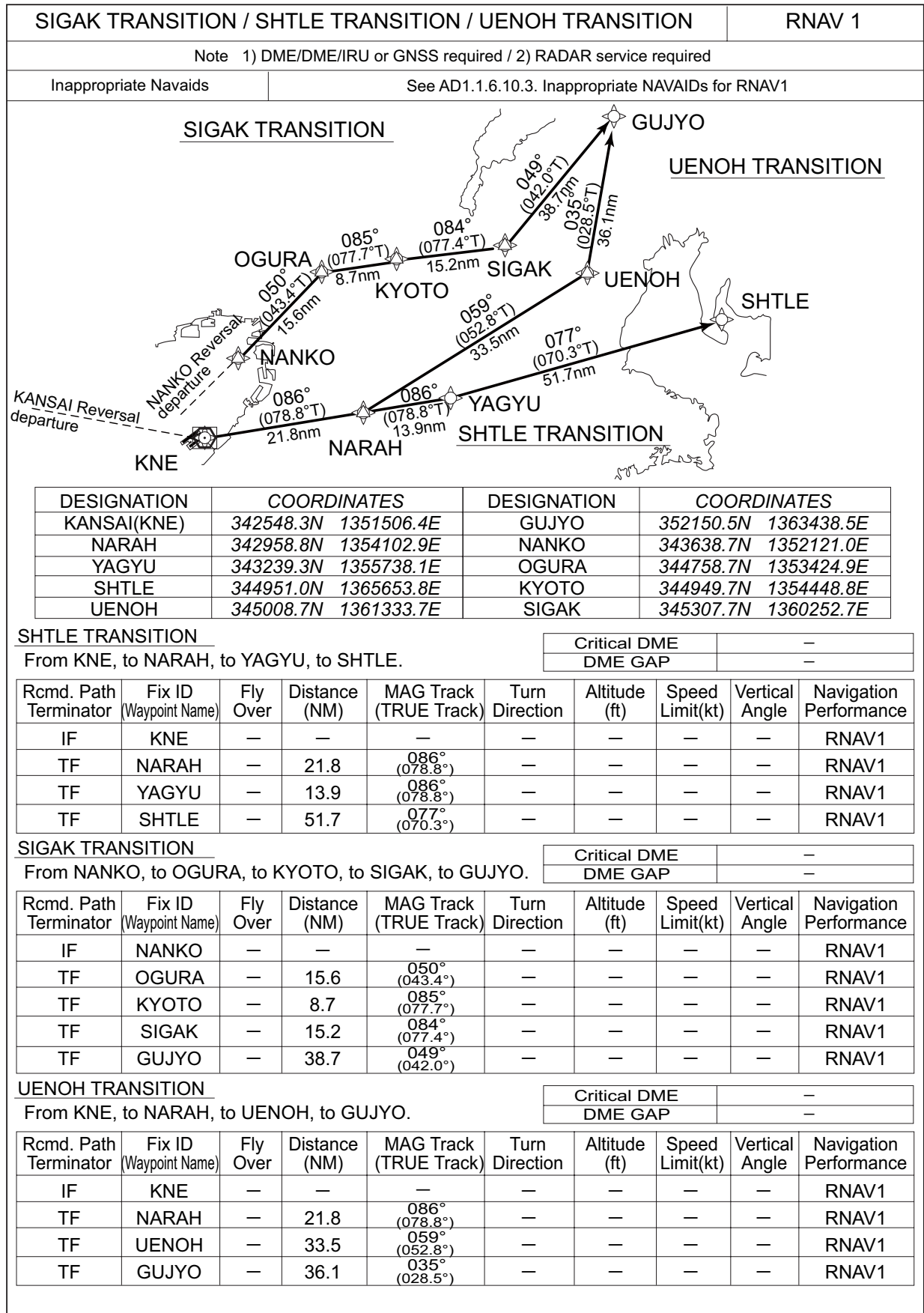
RNAV TRANSITION



STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

RNAV TRANSITION



STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

RNAV TRANSITION

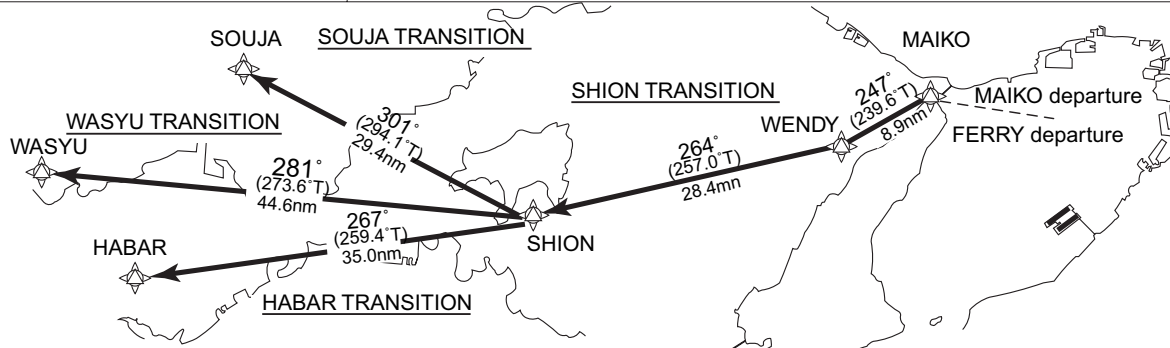
SHION TRANSITION / SOUJA TRANSITION / WASYU TRANSITION / HABAR TRANSITION

RNAV 1

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

Inappropriate NavAids

See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1



DESIGNATION	COORDINATES	DESIGNATION	COORDINATES
MAIKO	343639.7N 1345949.1E	SOUJA	343738.6N 1334422.5E
WENDY	343209.5N 1345030.8E	WASYU	342817.5N 1332301.1E
SHION	342542.1N 1341657.4E	HABAR	341909.7N 1333519.6E

SHION TRANSITION

From MAIKO, to WENDY, to SHION.

Critical DME	—
DME GAP	—

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (ft)	Speed Limit(kt)	Vertical Angle	Navigation Performance
IF	MAIKO	—	—	—	—	—	—	—	RNAV1
TF	WENDY	—	8.9	247° (239.6°)	—	—	—	—	RNAV1
TF	SHION	—	28.4	264° (257.0°)	—	—	—	—	RNAV1

SOUJA TRANSITION

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

Critical DME	—
DME GAP	—

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (ft)	Speed Limit(kt)	Vertical Angle	Navigation Performance
IF	MAIKO	—	—	—	—	—	—	—	RNAV1
TF	WENDY	—	8.9	247° (239.6°)	—	—	—	—	RNAV1
TF	SHION	—	28.4	264° (257.0°)	—	—	—	—	RNAV1
TF	SOUJA	—	29.4	301° (294.1°)	—	—	—	—	RNAV1

WASYU TRANSITION

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

Critical DME	—
DME GAP	—

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (ft)	Speed Limit(kt)	Vertical Angle	Navigation Performance
IF	MAIKO	—	—	—	—	—	—	—	RNAV1
TF	WENDY	—	8.9	247° (239.6°)	—	—	—	—	RNAV1
TF	SHION	—	28.4	264° (257.0°)	—	—	—	—	RNAV1
TF	WASYU	—	44.6	281° (273.6°)	—	—	—	—	RNAV1

HABAR TRANSITION

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

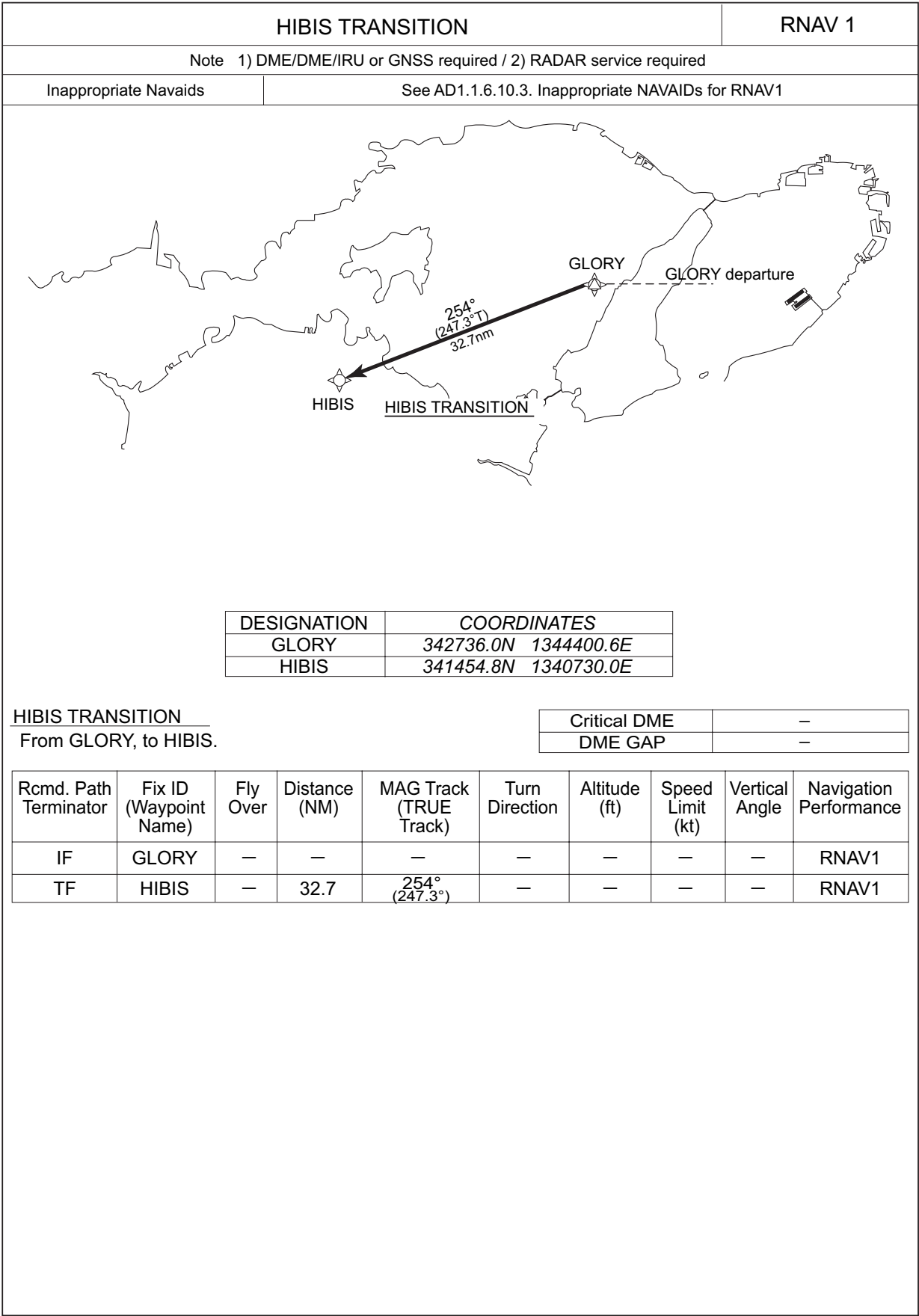
Critical DME	—
DME GAP	—

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (ft)	Speed Limit(kt)	Vertical Angle	Navigation Performance
IF	MAIKO	—	—	—	—	—	—	—	RNAV1
TF	WENDY	—	8.9	247° (239.6°)	—	—	—	—	RNAV1
TF	SHION	—	28.4	264° (257.0°)	—	—	—	—	RNAV1
TF	HABAR	—	35.0	267° (259.4°)	—	—	—	—	RNAV1

STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

RNAV TRANSITION



STANDARD ARRIVAL CHART-INSTRUMENT

RJBB / KANSAI INTL

STAR

AKASI ARRIVAL

From over AJE VOR/DME, proceed via AJE R-013 to AKASI, via KCE R-271 to MAIKO, via YOE R-278 to MAYAH.

Cross MAYAH at 4,000ft.

LILAC ARRIVAL

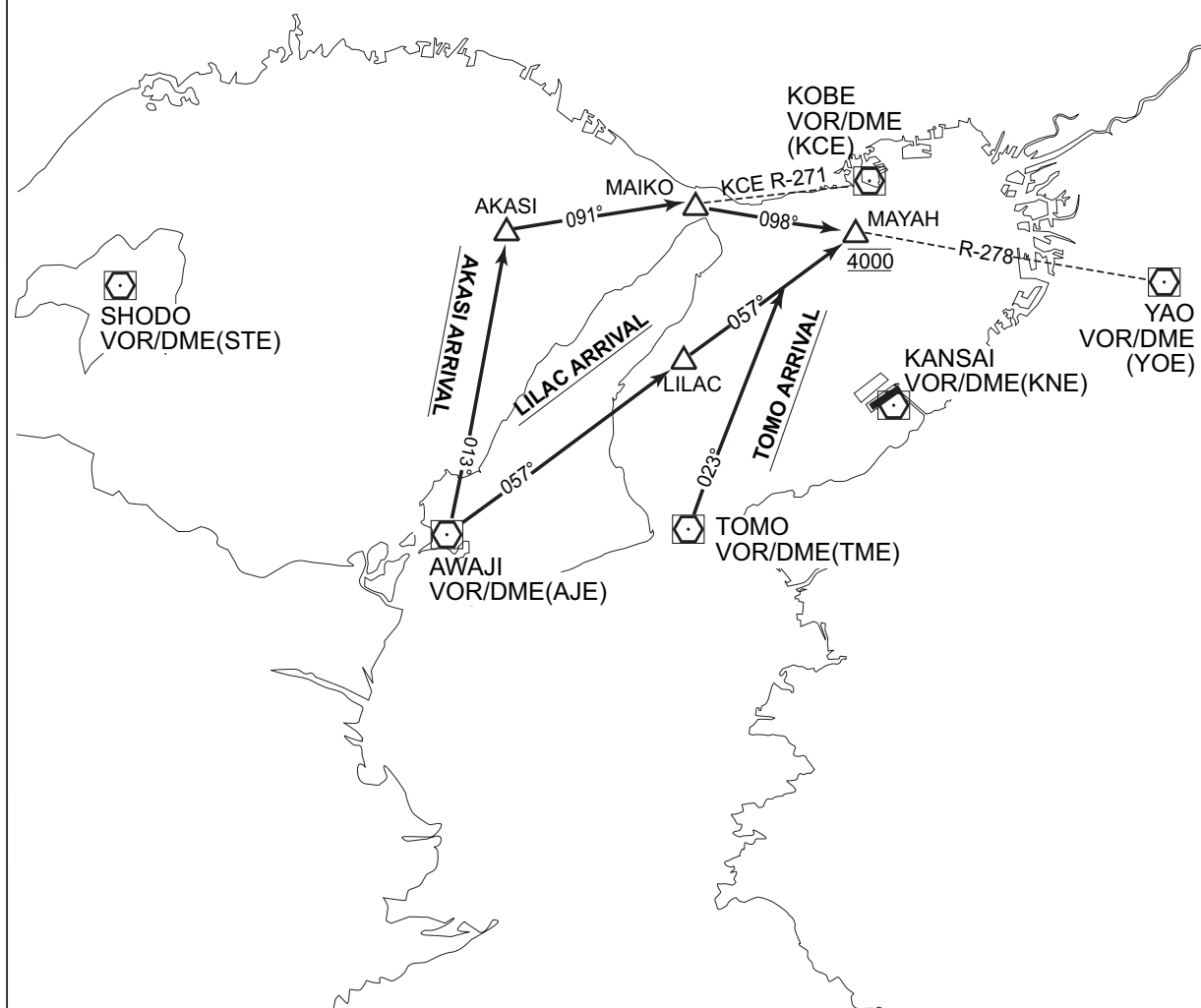
From over AJE VOR/DME, proceed via AJE R-057 to LILAC, then via AJE R-057 to MAYAH.

Cross MAYAH at 4,000ft.

TOMO ARRIVAL

From over TME VOR/DME, proceed via TME R-023 to intercept and proceed via AJE R-057 to MAYAH.

Cross MAYAH at 4,000ft.



STANDARD ARRIVAL CHART-INSTRUMENT

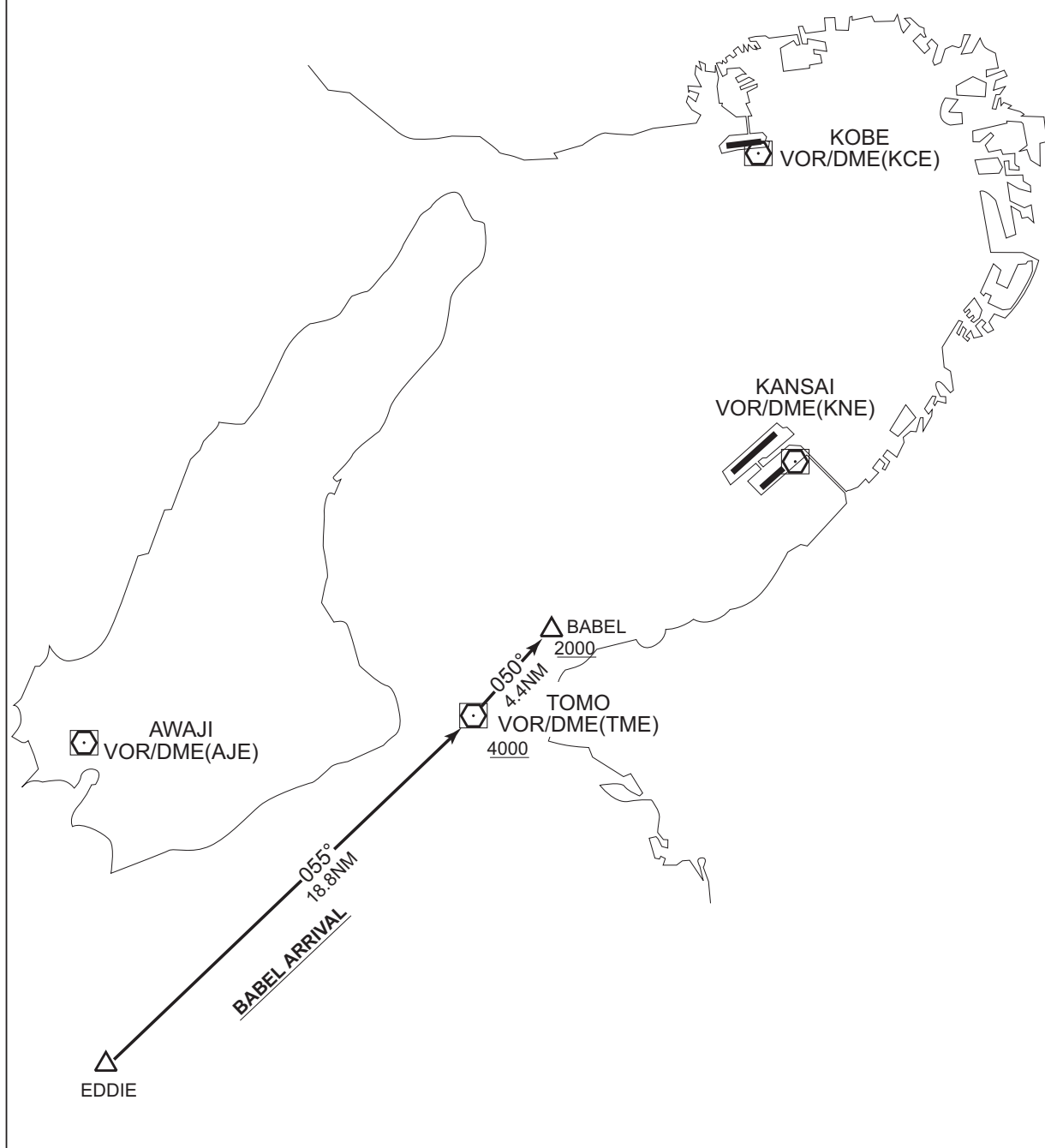
RJBB / KANSAI INTL

STAR

BABEL ARRIVAL

From over EDDIE, proceed via TME R-235 to TME VOR/DME, then via TME R-050 to BABEL.

Cross TME VOR/DME at or above 4,000ft, cross BABEL at or above 2,000ft.



STANDARD ARRIVAL CHART-INSTRUMENT

RJBB / KANSAI INTL

STAR

ATAACK ARC ARRIVAL

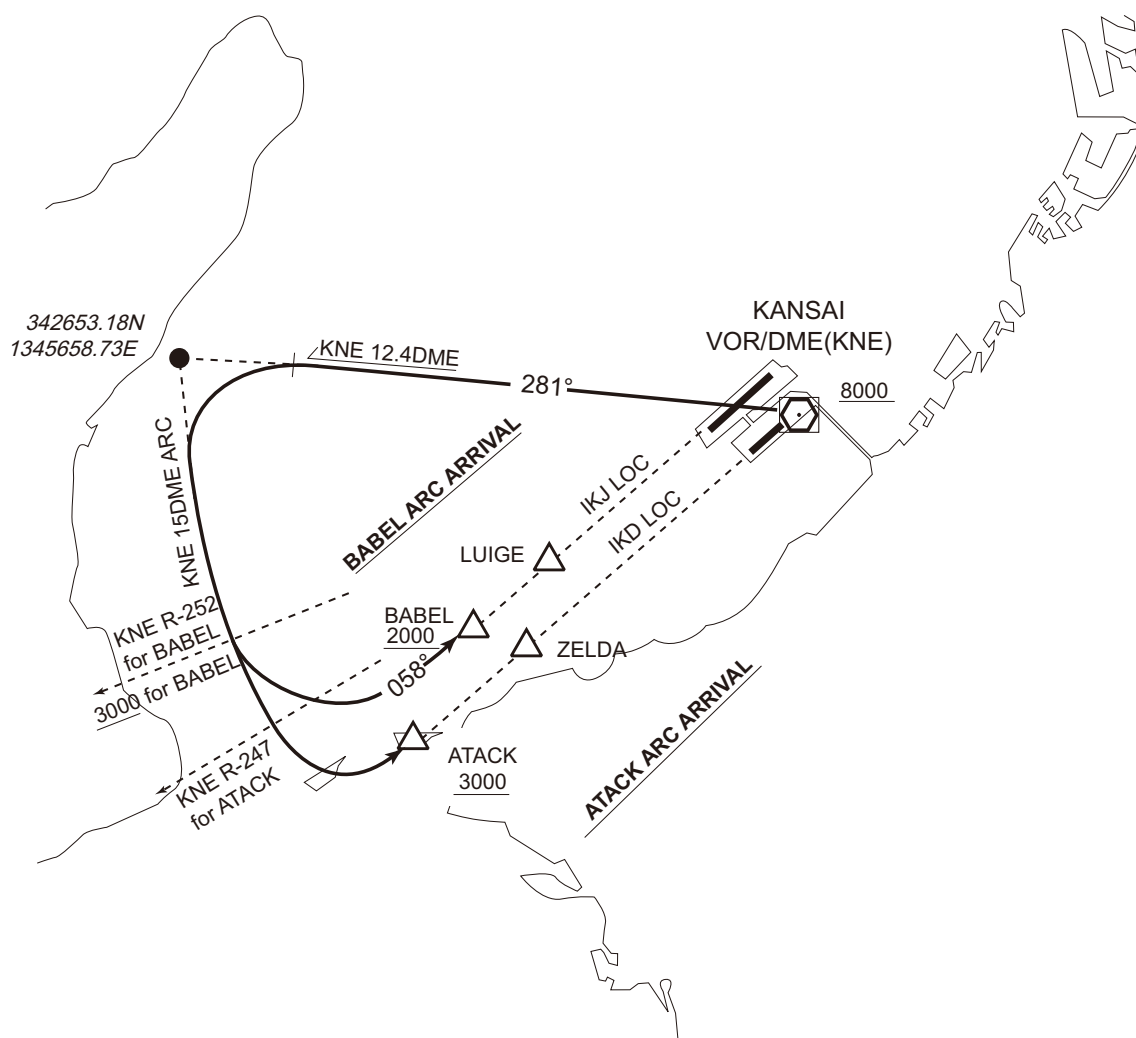
From over KNE VOR/DME, proceed via KNE R-281, turn left via KNE 15DME counterclockwise ARC, then turn left to intercept and proceed via IKD-LOC to ATACK.

Cross KNE VOR/DME at or above 8,000ft, cross ATACK at or above 3,000ft.

BABEL ARC ARRIVAL

From over KNE VOR/DME, proceed via KNE R-281, turn left via KNE 15DME counterclockwise ARC, then turn left to intercept and proceed via IKJ-LOC to BABEL.

Cross KNE VOR/DME at or above 8,000ft, cross KNE R-252 at or above 3,000ft, cross BABEL at or above 2,000ft.



STANDARD ARRIVAL CHART-INSTRUMENT

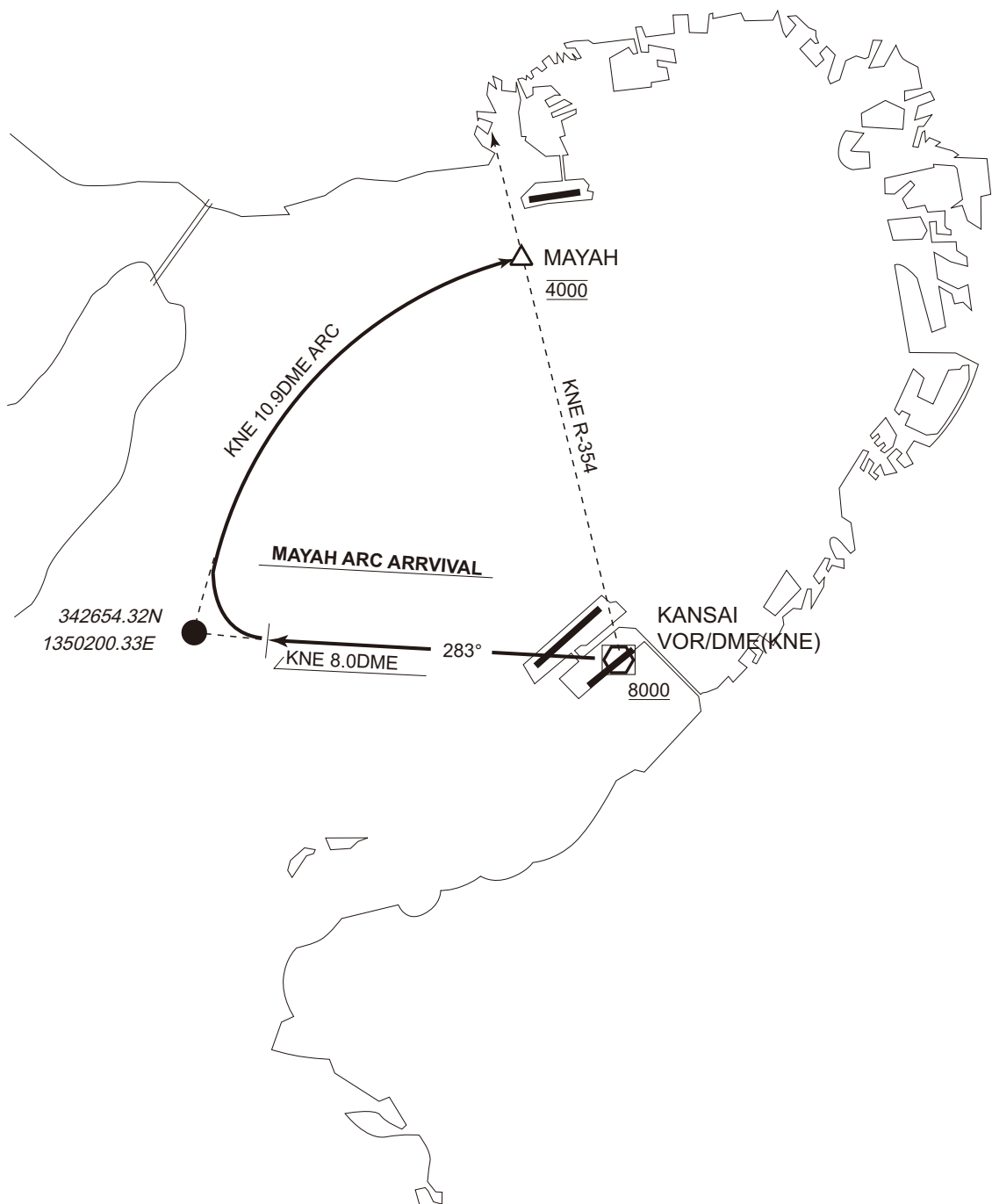
RJBB / KANSAI INTL

STAR

MAYAH ARC ARRIVAL

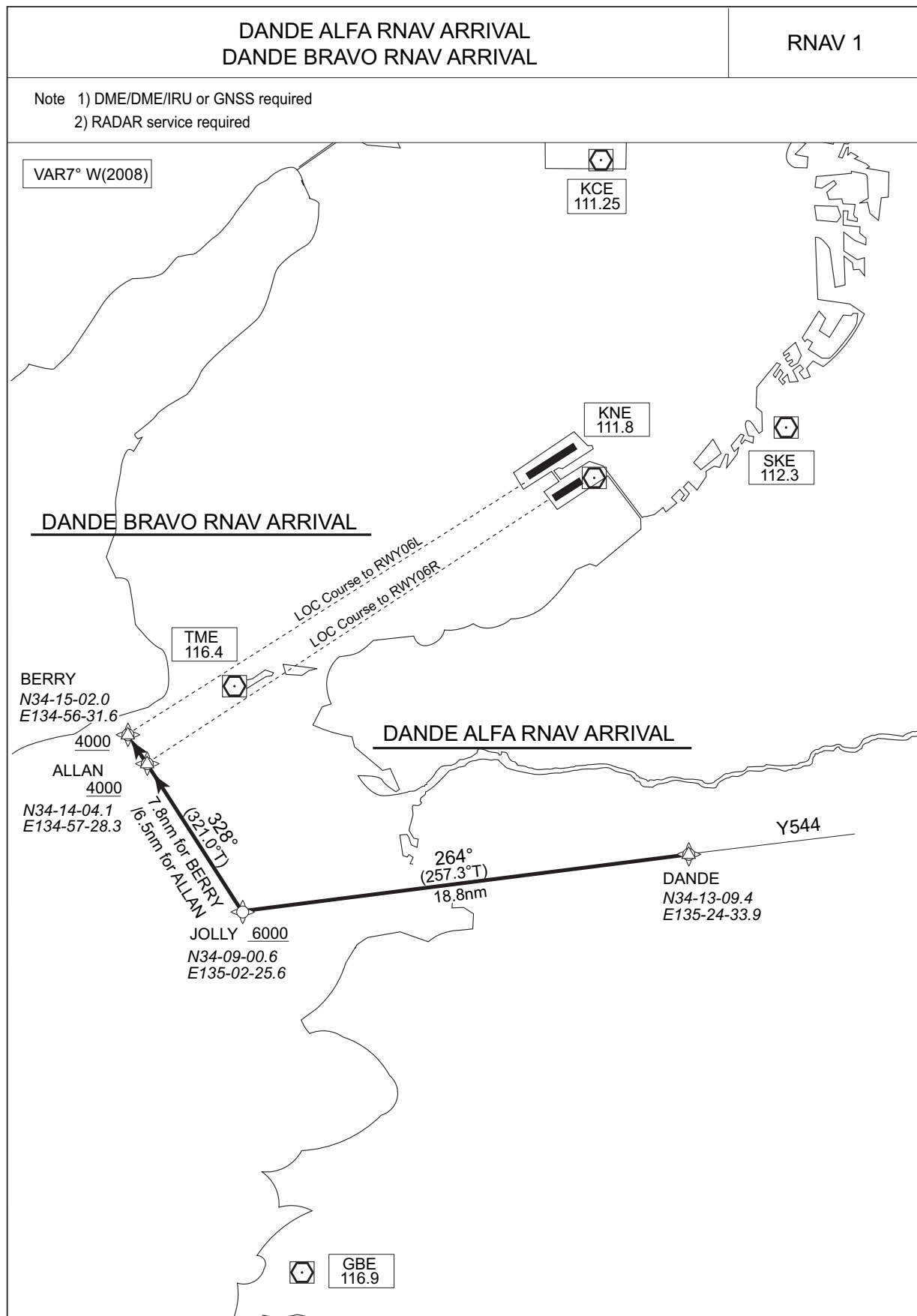
From over KNE VOR/DME, proceed via KNE R-283, turn right via KNE 10.9DME clockwise ARC to MAYAH.

Cross KNE VOR/DME at or above 8,000ft, cross MAYAH at 4,000ft.



STANDARD ARRIVAL CHART-INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR
RWY06L/06R

STANDARD ARRIVAL CHART-INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR
RWY06L/06RDANDE ALFA RNAV ARRIVAL

From DANDE, to JOLLY at or above 6,000ft, to ALLAN at or above 4,000ft.

FIX	DESIGNATION	COORDINATES
	DANDE	341309.4N 1352433.9E
	JOLLY	340900.6N 1350225.6E
	ALLAN	341404.1N 1345728.3E
Critical DME	—	
DME GAP	—	
Inappropriate NavAids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Vertical Angle	Navigation Performance
IF	DANDE	—	—	—	—	—	—	—	RNAV1
TF	JOLLY	—	18.8	264° (257.3°)	—	+6000	—	—	RNAV1
TF	ALLAN	—	6.5	328° (321.0°)	—	+4000	—	—	RNAV1

DANDE BRAVO RNAV ARRIVAL

From DANDE, to JOLLY at or above 6,000ft, to BERRY at or above 4,000ft.

FIX	DESIGNATION	COORDINATES
	DANDE	341309.4N 1352433.9E
	JOLLY	340900.6N 1350225.6E
	BERRY	341502.0N 1345631.6E
Critical DME	—	
DME GAP	—	
Inappropriate NavAids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Vertical Angle	Navigation Performance
IF	DANDE	—	—	—	—	—	—	—	RNAV1
TF	JOLLY	—	18.8	264° (257.3°)	—	+6000	—	—	RNAV1
TF	BERRY	—	7.8	328° (321.0°)	—	+4000	—	—	RNAV1

STANDARD ARRIVAL CHART-INSTRUMENT

RJBB / KANSAI INTL

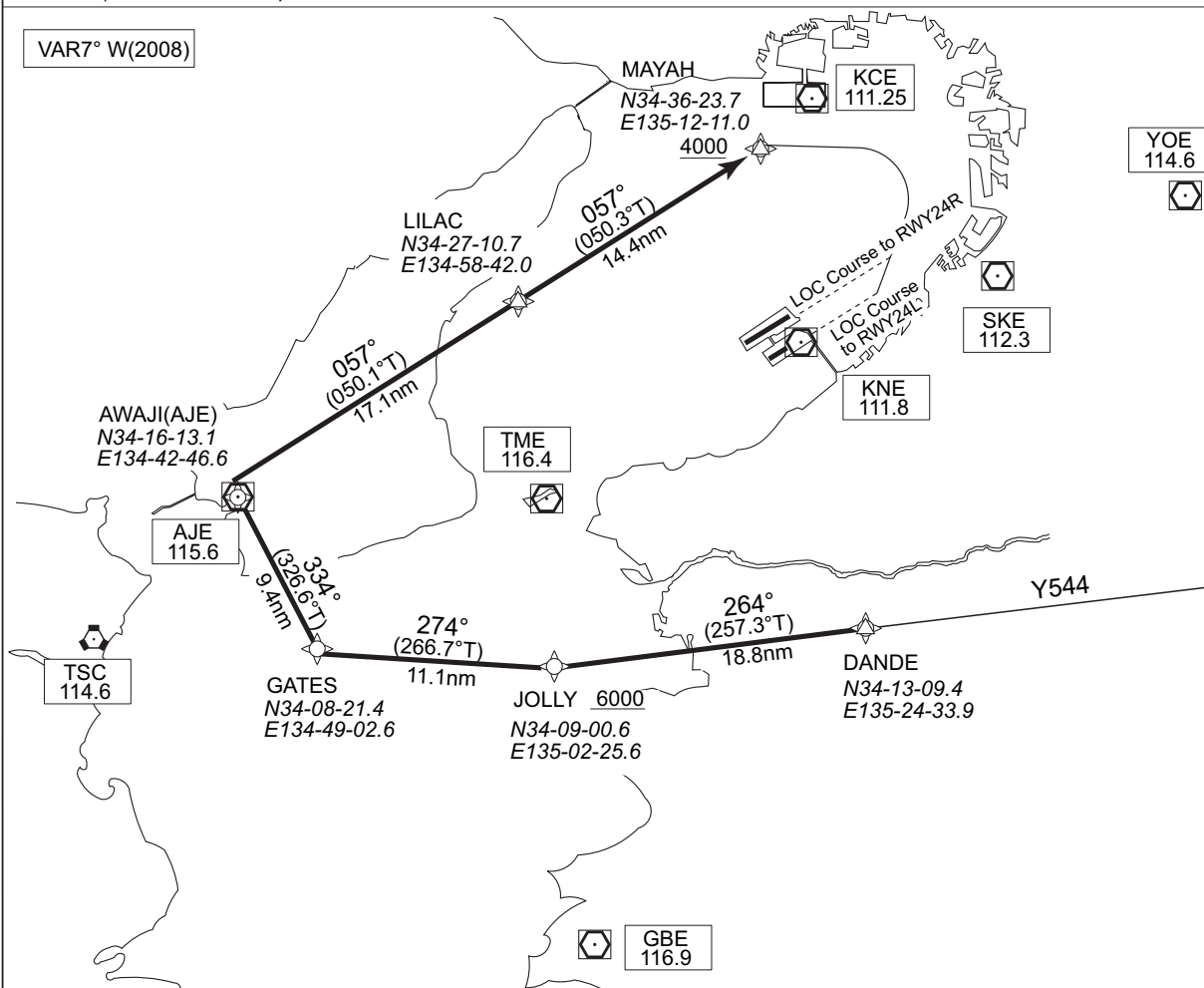
RNAV STAR
RWY24L/24R

DANDE CHARLIE RNAV ARRIVAL

RNAV 1

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

VAR7° W(2008)



DANDE CHARLIE RNAV ARRIVAL

From DANDE, to JOLLY at or above 6,000ft, to GATES, to AWAJI, to LILAC, to MAYAH at or above 4,000ft.

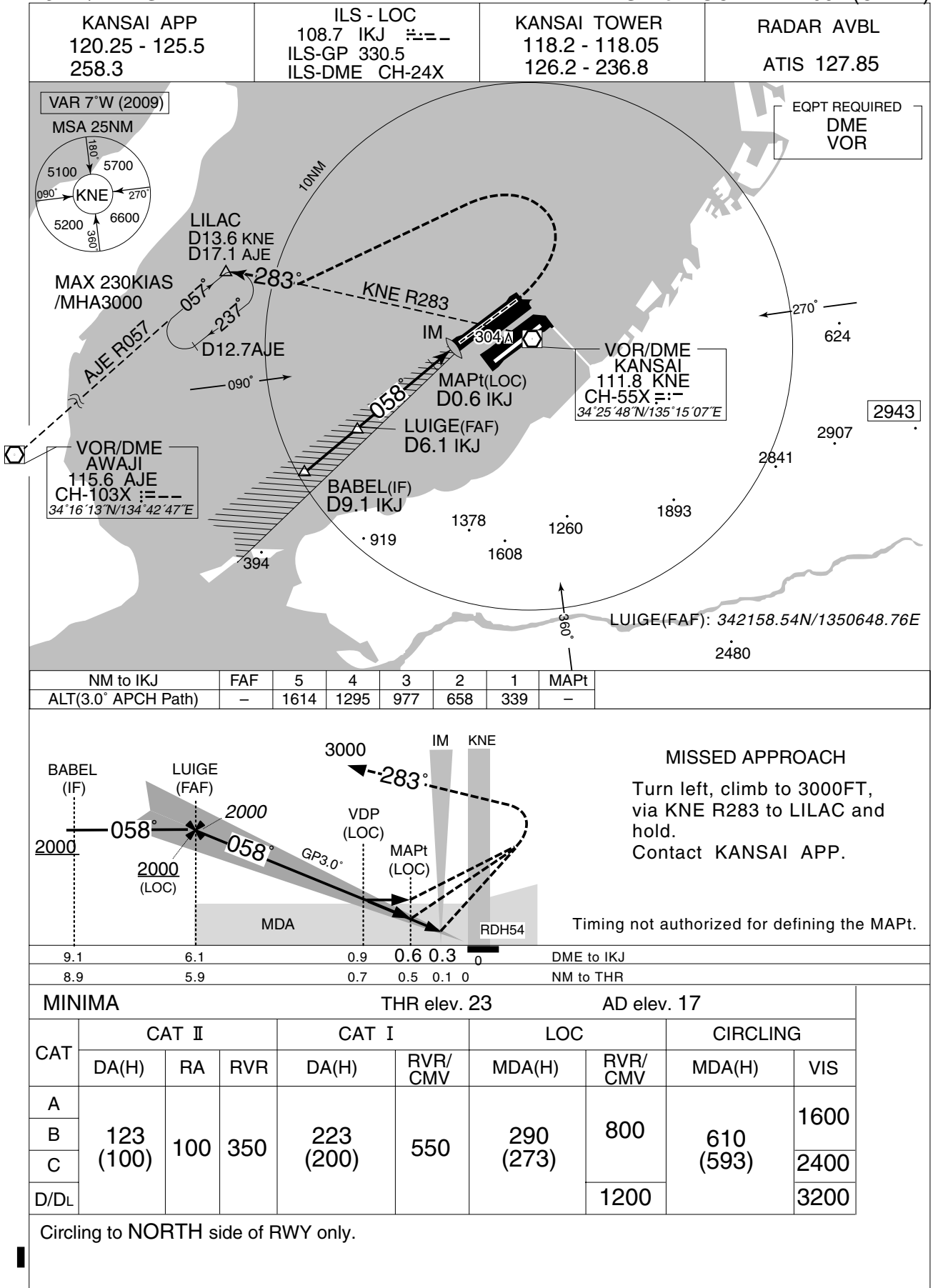
FIX	DESIGNATION	COORDINATES
	DANDE	341309.4N 1352433.9E
	JOLLY	340900.6N 1350225.6E
	GATES	340821.4N 1344902.6E
	AWAJI(AJE)	341613.1N 1344246.6E
	LILAC	342710.7N 1345842.0E
	MAYAH	343623.7N 1351211.0E
Critical DME	—	
DME GAP	—	
Inappropriate NavAids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (ft)	Speed Limit(kt)	Vertical Angle	Navigation Performance
IF	DANDE	—	—	—	—	—	—	—	RNAV1
TF	JOLLY	—	18.8	264° (257.3°)	—	+6000	—	—	RNAV1
TF	GATES	—	11.1	274° (266.7°)	—	—	—	—	RNAV1
TF	AWAJI (AJE)	—	9.4	334° (326.6°)	—	—	—	—	RNAV1
TF	LILAC	—	17.1	057° (050.1°)	—	—	—	—	RNAV1
TF	MAYAH	—	14.4	057° (050.3°)	—	+4000	—	—	RNAV1

INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

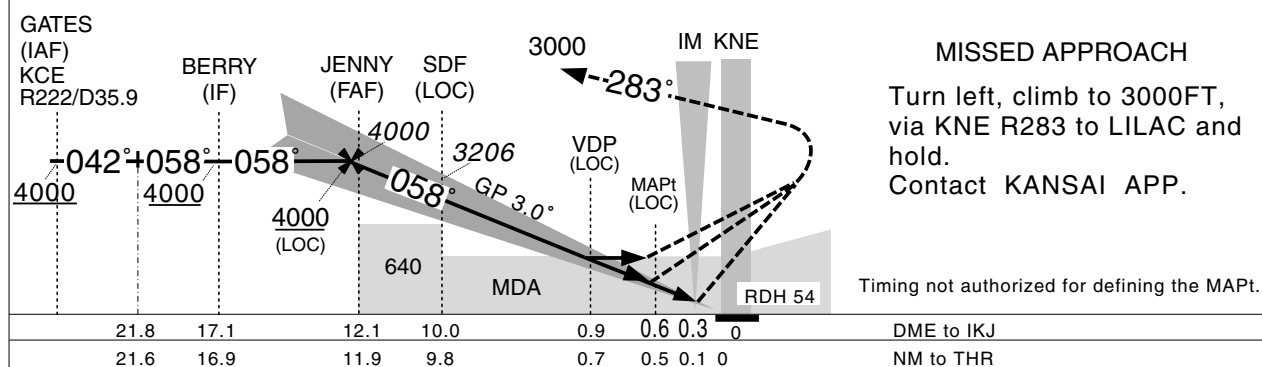
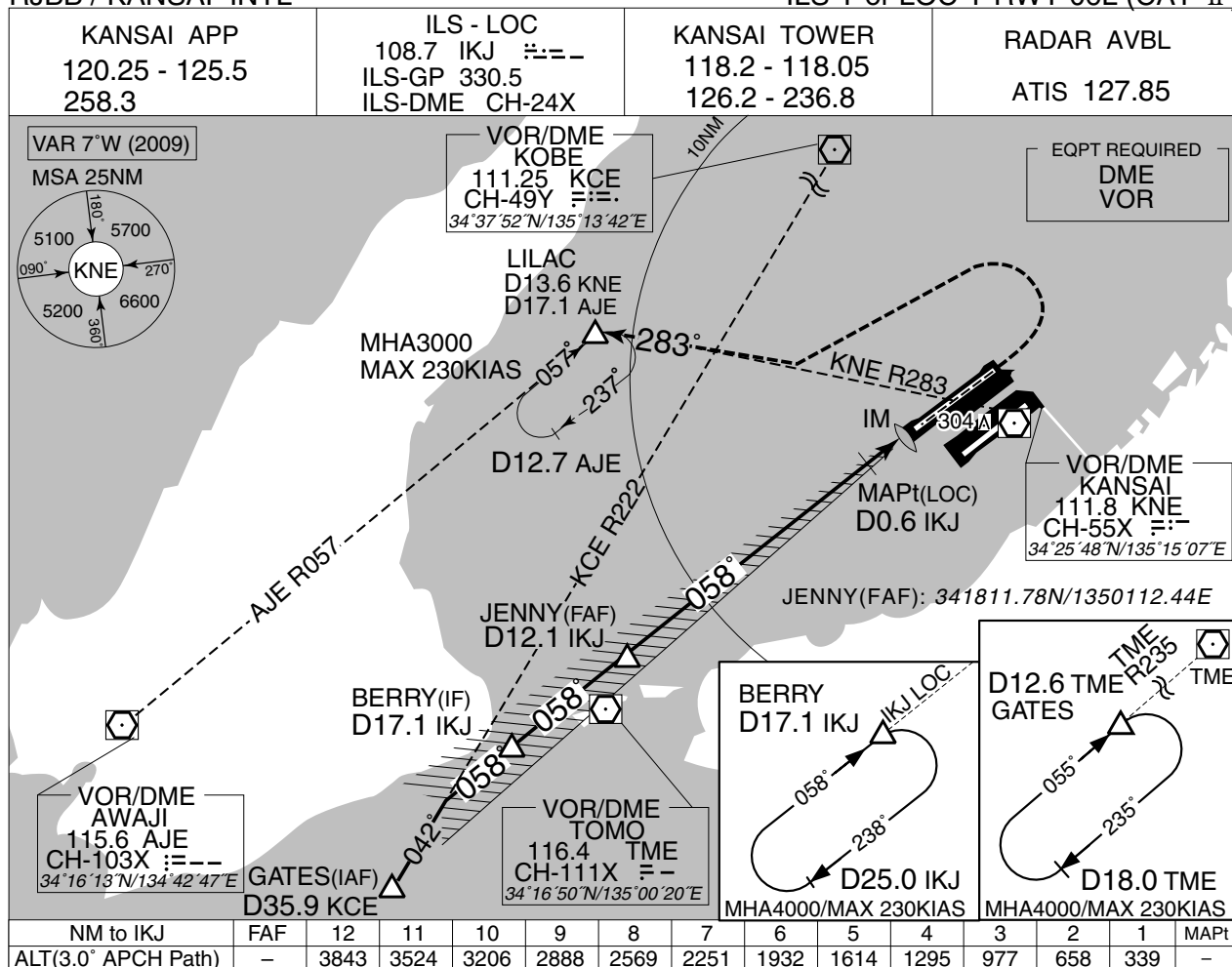
ILS Z or LOC Z RWY 06L (CAT II)



INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

ILS Y or LOC Y RWY 06L (CAT II)



MINIMA THR elev. 23

AD elev. 17

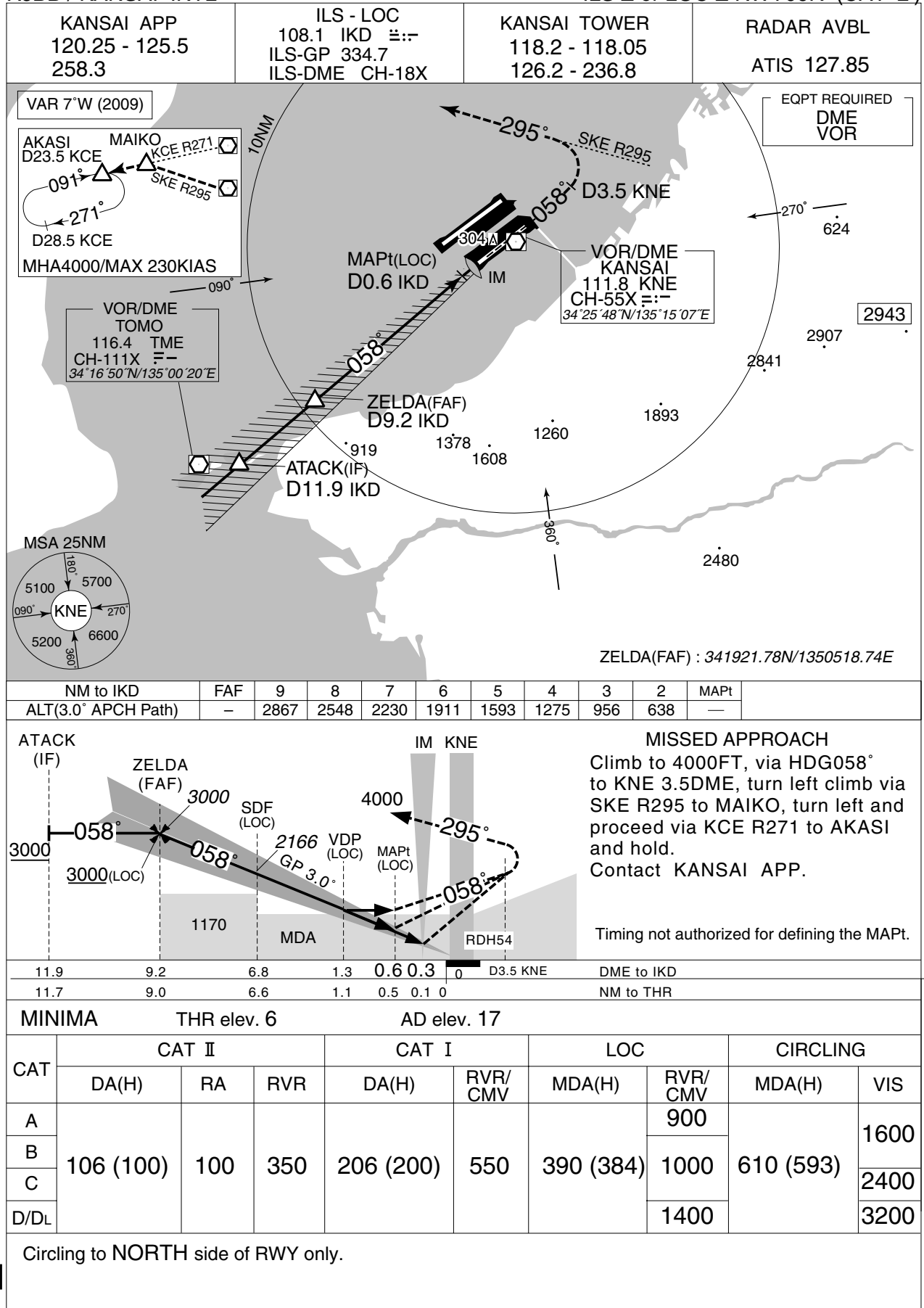
CAT	CAT II			CAT I		LOC		CIRCLING	
	DA(H)	RA	RVR	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A									1600
B	123	100	350	223	550	290	800	610	2400
C	(100)			(200)		(273)		(593)	3200
D/DL							1200		

Circling to NORTH side of RWY only.

INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

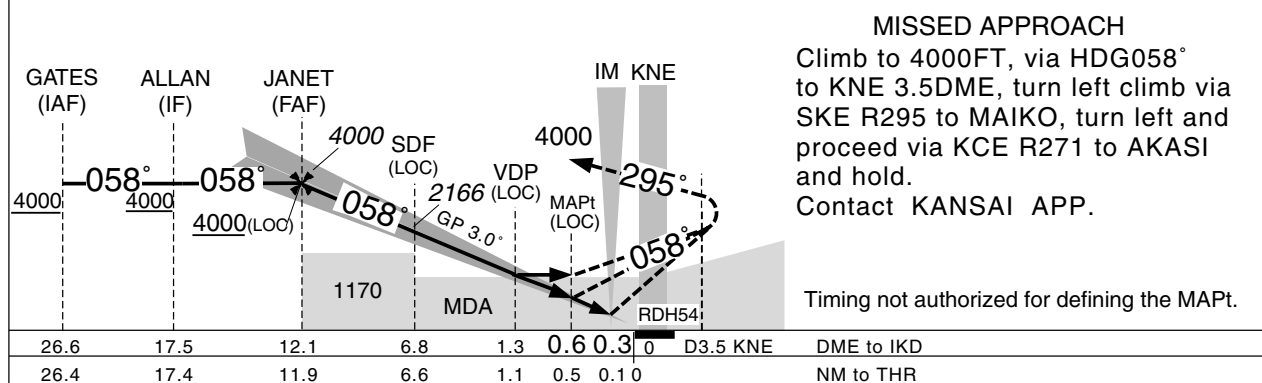
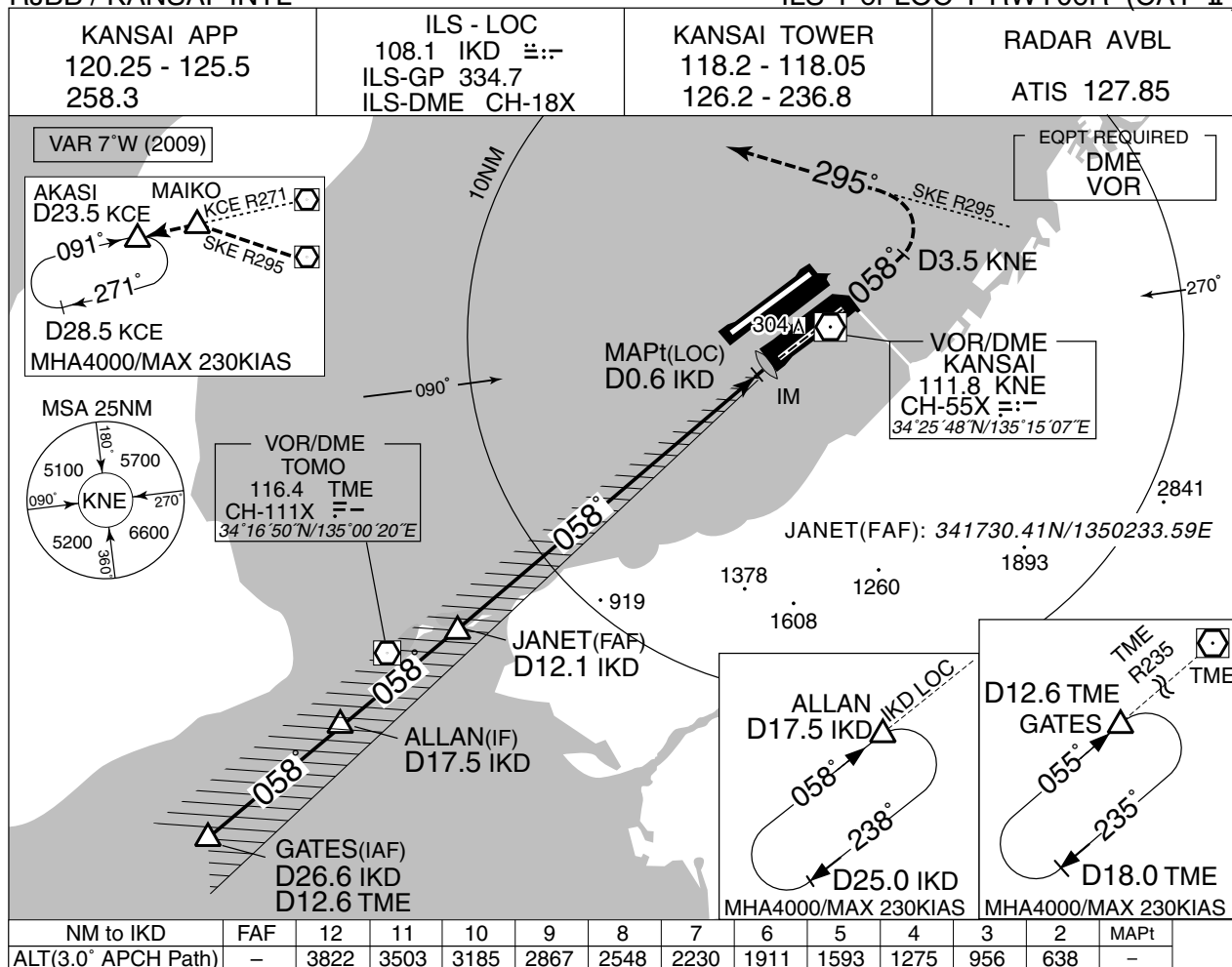
ILS Z or LOC Z RWY06R (CAT II)



INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

ILS Y or LOC Y RWY06R (CAT II)



MINIMA THR elev. 6 AD elev. 17

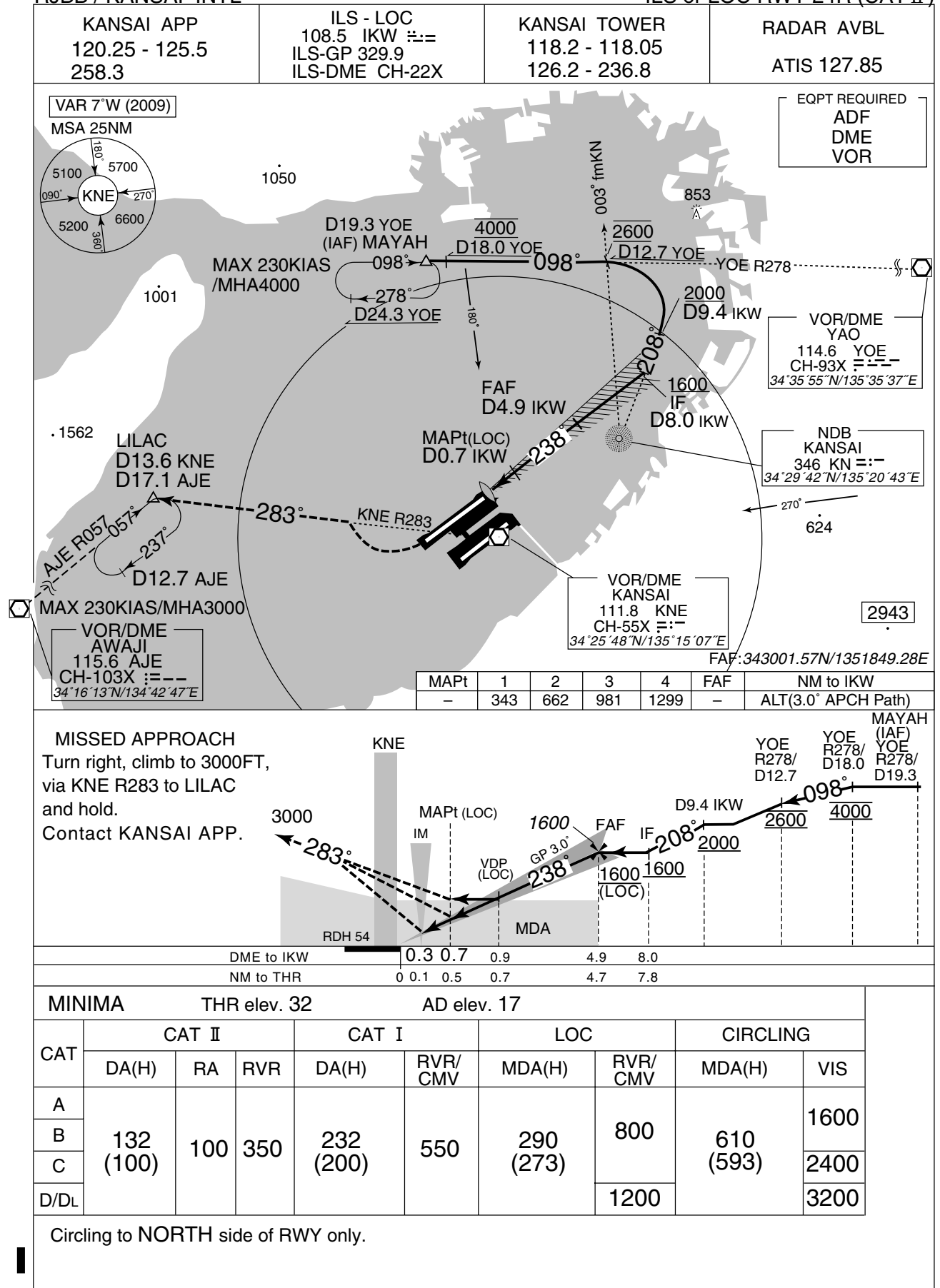
CAT	CAT II			CAT I		LOC		CIRCLING	
	DA(H)	RA	RVR	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	106 (100)	100	350	206 (200)	550	390 (384)	900	610 (593)	1600
B							1000		2400
C									3200
D/DL									1400

Circling to NORTH side of RWY only.

INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

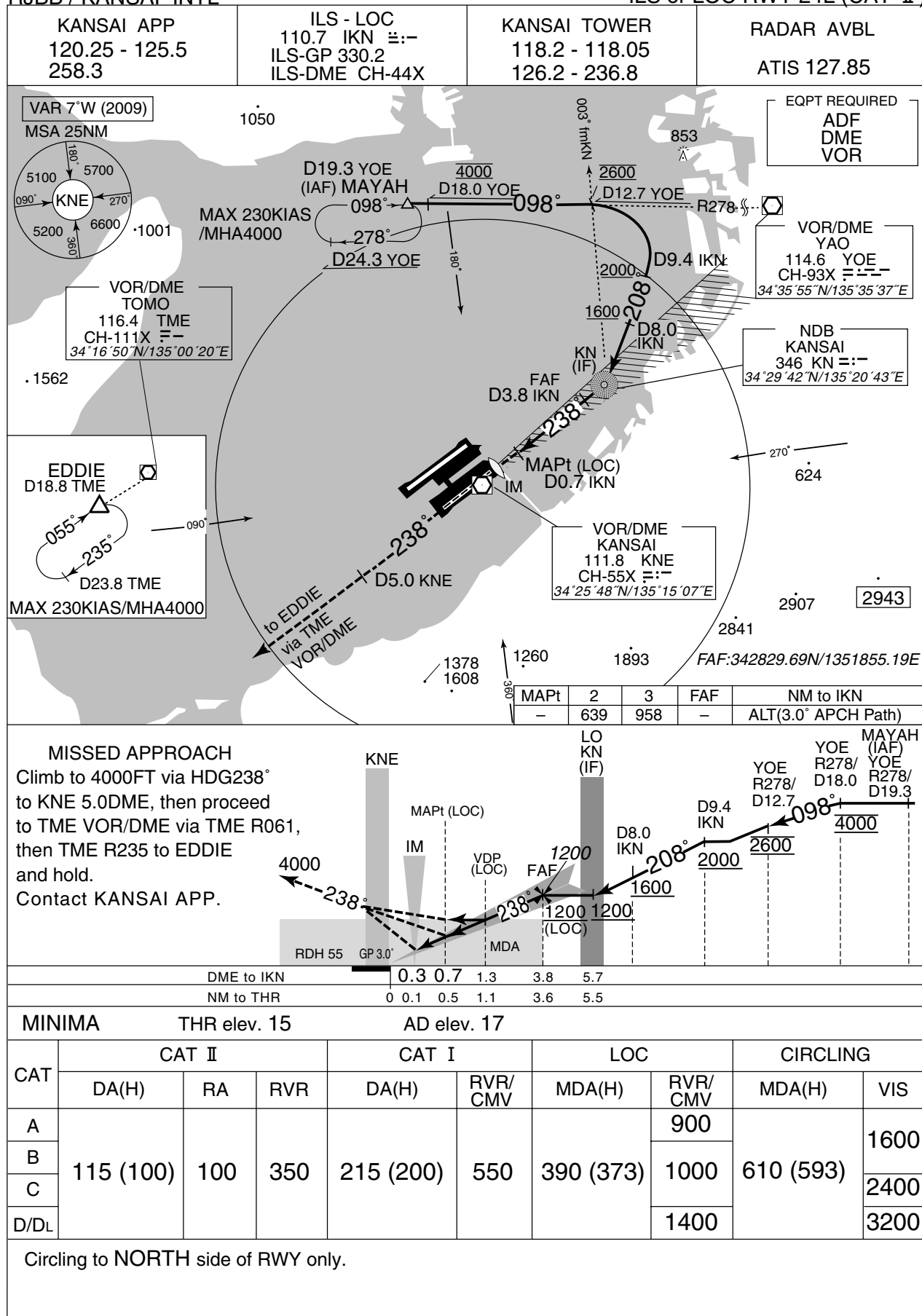
ILS or LOC RWY 24R (CAT II)



INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

ILS or LOC RWY 24L (CAT II)

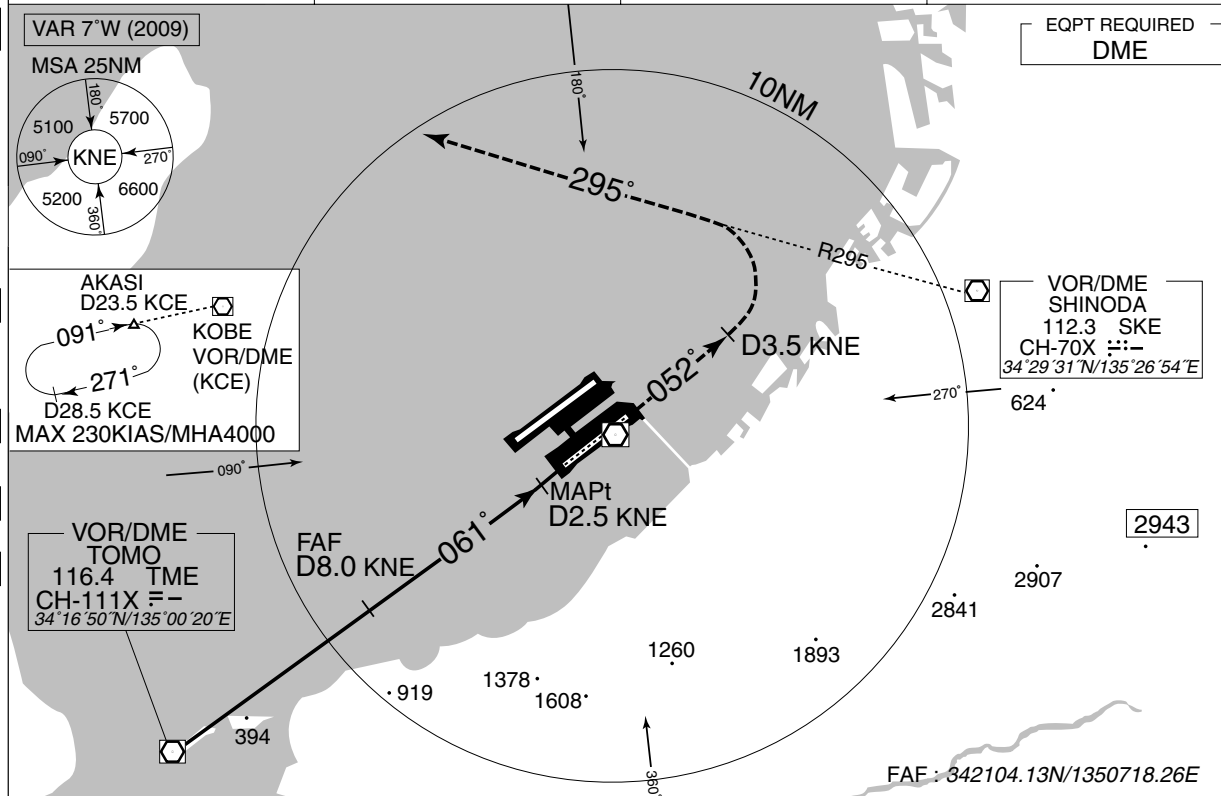


INSTRUMENT APPROACH CHART

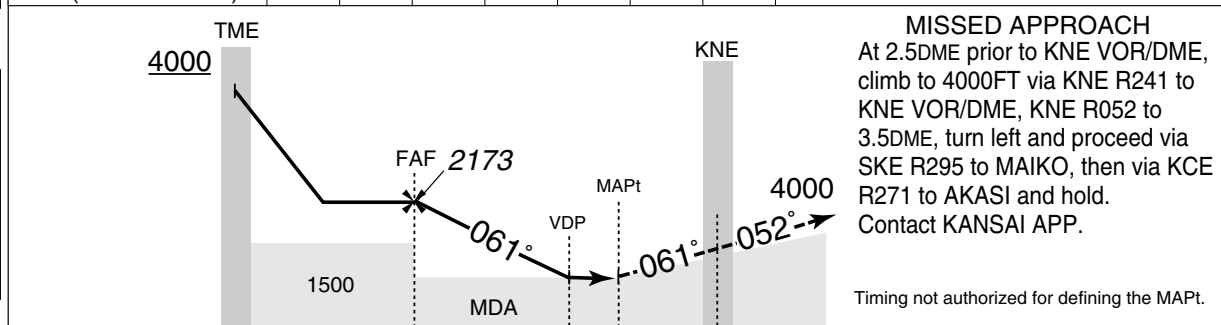
RJBB / KANSAI INTL

VOR RWY 06R

KANSAI APP 120.25 - 125.5 258.3	KANSAI VOR/DME 111.8 KNE CH-55X 34°25'48"N/135°15'07"E	KANSAI TOWER 118.2 - 118.05 126.2 - 236.8	RADAR AVBL ATIS 127.85
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NM to KNE	FAF	7	6	5	4	3	MAPt
ALT(3.0° APCH Path)	2173	1855	1536	1218	899	581	-



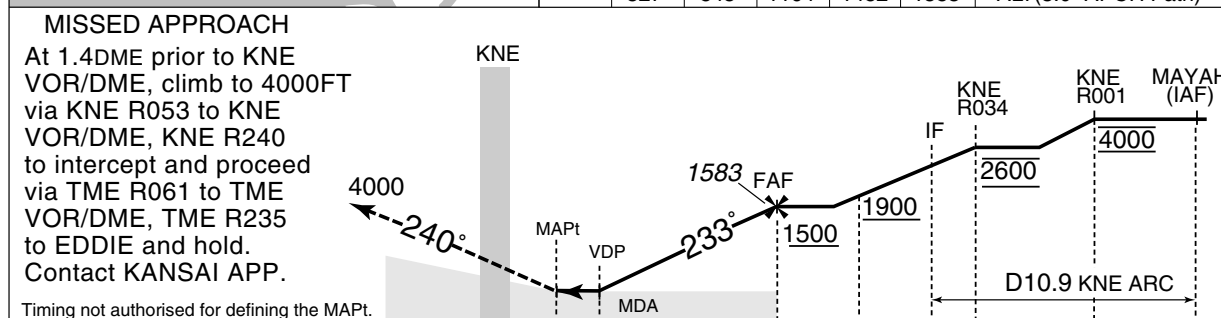
DME to KNE	15.2	8.0	2.6	2.5	1.4	0
NM to THR	13.8	6.6	1.2	1.1	0	

MINIMA		THR elev. 6	AD elev. 17
CAT	CIRCLING		
	MDA(H)	RVR/CMV	MDA(H) VIS
A		900	1600
B	420 (414)	1000	610 (593) 2400
C			
D		1400	3200

Circling to NORTH side of RWY only.

RJBB / KANSAI INTL

KANSAI APP 120.25 - 125.5 258.3	KANSAI VOR/DME 111.8 KNE CH-55X 34°25'48"N/135°15'07"E	KANSAI TOWER 118.2 - 118.05 126.2 - 236.8	RADAR AVBL ATIS 127.85
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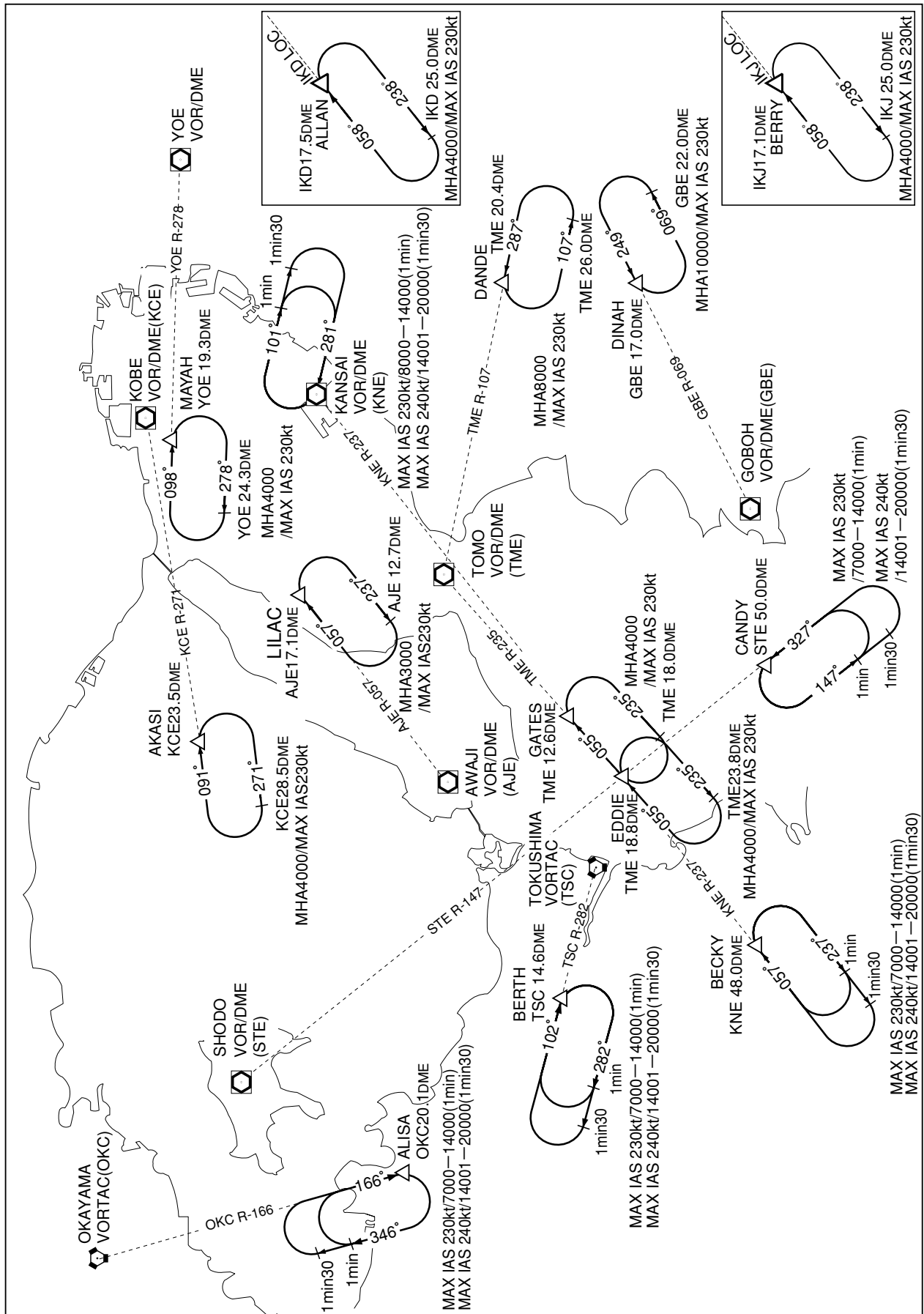


MINIMA		THR elev. 15	AD elev. 17	
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	450 (433)	900	610 (593)	1600
B		1000		
C				2400
D				

24/9/09

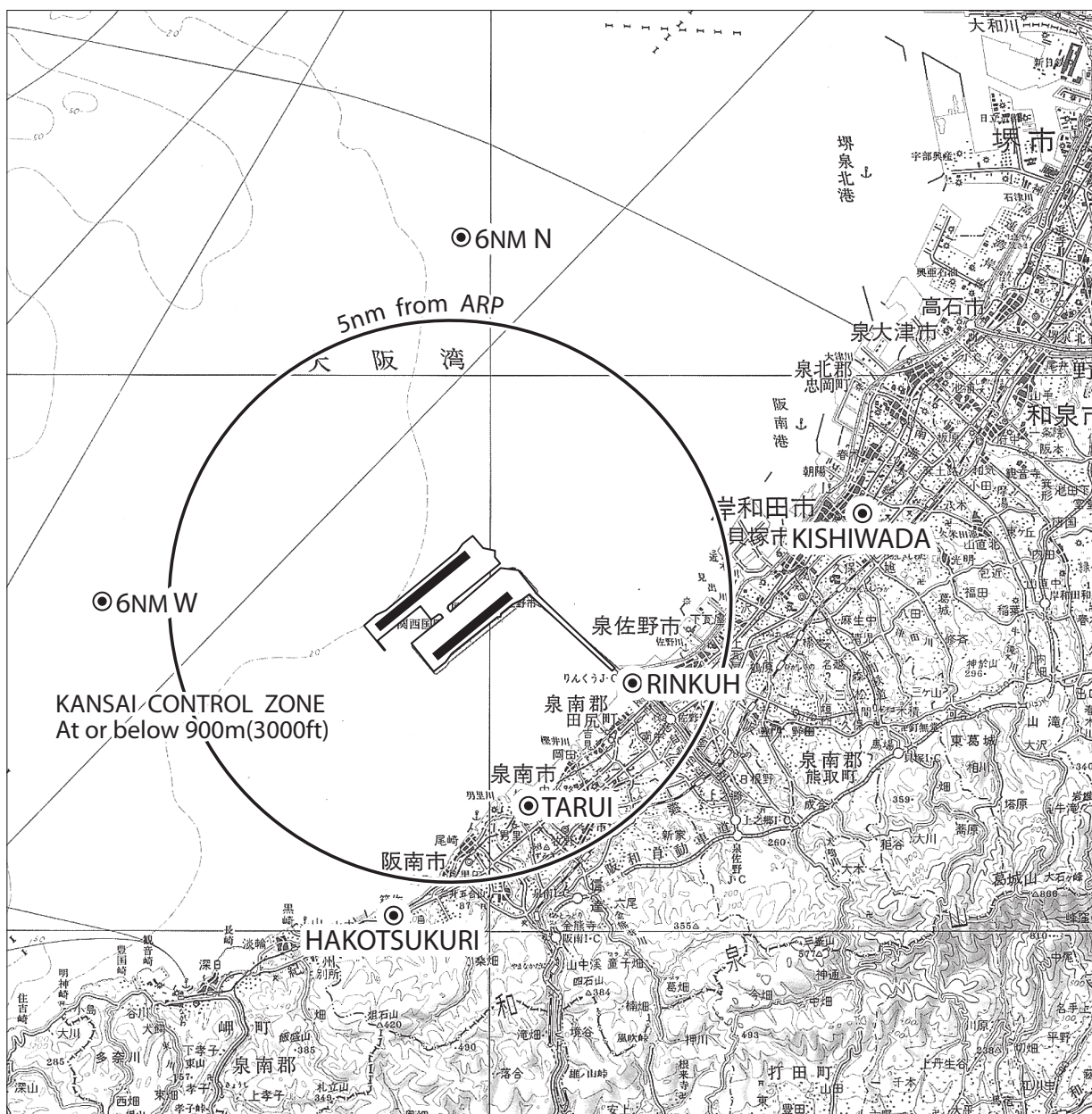
RJBB / KANSAI INTL

HLDG PATTERN

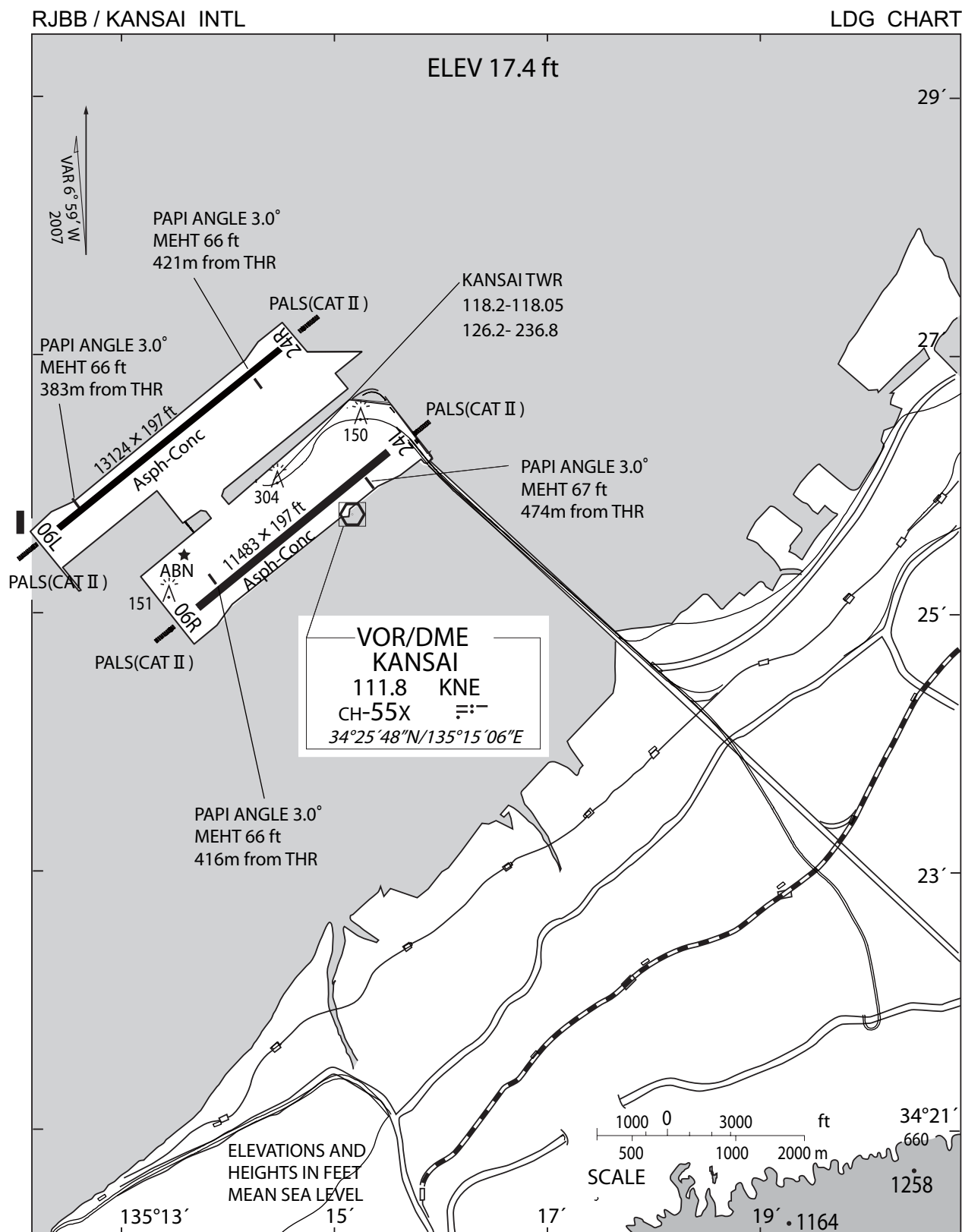


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Visual REP



Call sign	BRG / DIST from ARP	Remarks
りんくう Rinku	119°/3.6NM	ゲートタワービル Building
樽井 Tarui	165°/3.9NM	南海本線・樽井駅 Station
箱作 Hakotsukuri	197°/5.7NM	南海本線・箱作駅 Station
岸和田 Kishiwada	084°/7.4NM	南海本線・岸和田駅 Station
6NM W	270°/6.0NM	海上 Over the sea
6NM N	360°/6.0NM	海上 Over the sea



RJBB / KANSAI INTL

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

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

RNAV 1

FIX	DESIGNATION	COORDINATES
	ALISA	342133.3N 1340938.7E
NALTO	340900.6N 1344313.3E	
ASAMI	340757.9N 1344841.8E	
BAGLE	341051.4N 1345251.0E	
ALLAN	341404.1N 1345728.3E	

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

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
IF	ALISA	—	—	—	—	—	—	—	RNAV1
TF	NALTO	—	30.5	121° (114.2°)	—	+6000	—	—	RNAV1
TF	ASAMI	—	4.7	110° (103.0°)	—	—	—	—	RNAV1
TF	BAGLE	—	4.5	057° (049.9°)	—	—	—	—	RNAV1
TF	ALLAN	—	5.0	057° (049.9°)	—	+4000	—	—	RNAV1

STANDARD ARRIVAL CHART-INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY06L/06R

ALISA BRAVO RNAV ARRIVAL

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

FIX	DESIGNATION	COORDINATES
	ALISA	342133.3N 1340938.7E
	NALTO	340900.6N 1344313.3E
	ASAMI	340757.9N 1344841.8E
	BAGLE	341051.4N 1345251.0E
	BERRY	341502.0N 1345631.6E
Critical DME		
DME GAP		
Inappropriate Navaids		

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
IF	ALISA	—	—	—	—	—	—	—	RNAV1
TF	NALTO	—	30.5	121° (114.2°)	—	+6000	—	—	RNAV1
TF	ASAMI	—	4.7	110° (103.0°)	—	—	—	—	RNAV1
TF	BAGLE	—	4.5	057° (049.9°)	—	—	—	—	RNAV1
TF	BERRY	—	5.2	043° (036.0°)	—	+4000	—	—	RNAV1

BECKY ALFA RNAV ARRIVAL

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

FIX	DESIGNATION	COORDINATES
	BECKY	335509.0N 1343030.6E
	EVIAN	335942.2N 1343657.3E
	ASAMI	340757.9N 1344841.8E
	BAGLE	341051.4N 1345251.0E
	ALLAN	341404.1N 1345728.3E
Critical DME		
DME GAP		
Inappropriate Navaids		

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
IF	BECKY	—	—	—	—	—	—	—	RNAV1
TF	EVIAN	—	7.0	057° (049.5°)	—	+6000	—	—	RNAV1
TF	ASAMI	—	12.8	057° (049.6°)	—	—	—	—	RNAV1
TF	BAGLE	—	4.5	057° (049.9°)	—	—	—	—	RNAV1
TF	ALLAN	—	5.0	057° (049.9°)	—	+4000	—	—	RNAV1

BECKY BRAVO RNAV ARRIVAL

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

FIX	DESIGNATION	COORDINATES
	BECKY	335509.0N 1343030.6E
	EVIAN	335942.2N 1343657.3E
	ASAMI	340757.9N 1344841.8E
	BAGLE	341051.4N 1345251.0E
	BERRY	341502.0N 1345631.6E
Critical DME		
DME GAP		
Inappropriate Navaids		

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
IF	BECKY	—	—	—	—	—	—	—	RNAV1
TF	EVIAN	—	7.0	057° (049.5°)	—	+6000	—	—	RNAV1
TF	ASAMI	—	12.8	057° (049.6°)	—	—	—	—	RNAV1
TF	BAGLE	—	4.5	057° (049.9°)	—	—	—	—	RNAV1
TF	BERRY	—	5.2	043° (036.0°)	—	+4000	—	—	RNAV1

STANDARD ARRIVAL CHART-INSTRUMENT

RJBB / KANSAI INTL

→ RNAV STAR RWY06L/06R

CANDY ALFA RNAV ARRIVAL

From CANDY, to BB063 at or above 7000FT, to PLUMM at or above 5000FT, to ALLAN at or above 4000FT.

FIX	DESIGNATION	COORDINATES
	CANDY	335226.0N 1345518.1E
	BB063	335935.9N 1345541.3E
	PLUMM	340247.5N 1345551.7E
	ALLAN	341404.1N 1345728.3E
Critical DME	—	—
DME GAP	—	
Inappropriate Nav aids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
IF	CANDY	—	—	—	—	—	—	—	RNAV1
TF	BB063	—	7.2	010° (002.6°)	—	+7000	—	—	RNAV1
TF	PLUMM	—	3.2	010° (002.6°)	—	+5000	—	—	RNAV1
TF	ALLAN	—	11.4	014° (006.7°)	—	+4000	—	—	RNAV1

CANDY BRAVO RNAV ARRIVAL

From CANDY, to BB063 at or above 7000FT, to PLUMM at or above 5000FT, to BERRY at or above 4000FT.

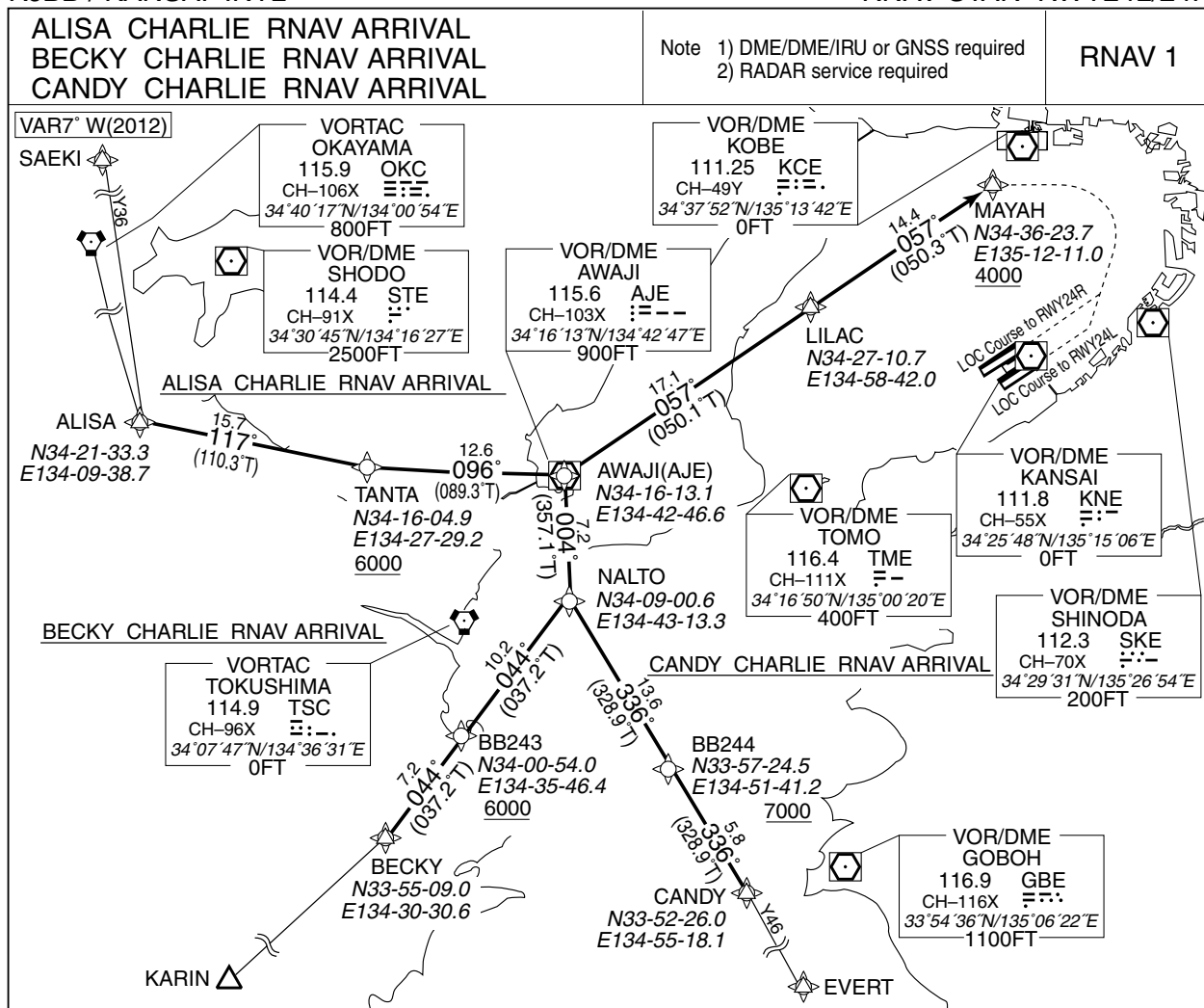
FIX	DESIGNATION	COORDINATES
	CANDY	335226.0N 1345518.1E
	BB063	335935.9N 1345541.3E
	PLUMM	340247.5N 1345551.7E
	BERRY	341502.0N 1345631.6E
Critical DME	—	—
DME GAP	—	
Inappropriate Nav aids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
IF	CANDY	—	—	—	—	—	—	—	RNAV1
TF	BB063	—	7.2	010° (002.6°)	—	+7000	—	—	RNAV1
TF	PLUMM	—	3.2	010° (002.6°)	—	+5000	—	—	RNAV1
TF	BERRY	—	12.3	010° (002.6°)	—	+4000	—	—	RNAV1

STANDARD ARRIVAL CHART-INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

**ALISA CHARLIE RNAV ARRIVAL**

From ALISA, to TANTA at or above 6000FT, to AJE, to LILAC, to MAYAH at or above 4000FT.

FIX	DESIGNATION	COORDINATES
	ALISA	342133.3N 1340938.7E
	TANTA	341604.9N 1342729.2E
	AWAJI(AJE)	341613.1N 1344246.6E
	LILAC	342710.7N 1345842.0E
	MAYAH	343623.7N 1351211.0E
Critical DME	—	
DME GAP	—	
Inappropriate NavAids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
IF	ALISA	—	—	—	—	—	—	—	RNAV1
TF	TANTA	—	15.7	117° (110.3°)	—	+6000	—	—	RNAV1
TF	AWAJI(AJE)	—	12.6	096° (089.3°)	—	—	—	—	RNAV1
TF	LILAC	—	17.1	057° (050.1°)	—	—	—	—	RNAV1
TF	MAYAH	—	14.4	057° (050.3°)	—	+4000	—	—	RNAV1

STANDARD ARRIVAL CHART-INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

BECKY CHARLIE RNAV ARRIVAL

From BECKY, to BB243 at or above 6000FT, to NALTO, to AJE, to LILAC, to MAYAH at or above 4000FT.

FIX	DESIGNATION	COORDINATES
	BECKY	335509.0N 1343030.6E
	BB243	340054.0N 1343546.4E
	NALTO	340900.6N 1344313.3E
	AWAJI(AJE)	341613.1N 1344246.6E
	LILAC	342710.7N 1345842.0E
Critical DME		—
DME GAP		—
Inappropriate Nav aids		See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
IF	BECKY	—	—	—	—	—	—	—	RNAV1
TF	BB243	—	7.2	044° (037.2°)	—	+6000	—	—	RNAV1
TF	NALTO	—	10.2	044° (037.2°)	—	—	—	—	RNAV1
TF	AWAJI(AJE)	—	7.2	004° (357.1°)	—	—	—	—	RNAV1
TF	LILAC	—	17.1	057° (050.1°)	—	—	—	—	RNAV1
TF	MAYAH	—	14.4	057° (050.3°)	—	+4000	—	—	RNAV1

CANDY CHARLIE RNAV ARRIVAL

From CANDY, to BB244 at or above 7000FT, to NALTO, to AJE, to LILAC, to MAYAH at or above 4000FT.

FIX	DESIGNATION	COORDINATES
	CANDY	335226.0N 1345518.1E
	BB244	335724.5N 1345141.2E
	NALTO	340900.6N 1344313.3E
	AWAJI(AJE)	341613.1N 1344246.6E
	LILAC	342710.7N 1345842.0E
Critical DME		—
DME GAP		—
Inappropriate Nav aids		See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
IF	CANDY	—	—	—	—	—	—	—	RNAV1
TF	BB244	—	5.8	336° (328.9°)	—	+7000	—	—	RNAV1
TF	NALTO	—	13.6	336° (328.9°)	—	—	—	—	RNAV1
TF	AWAJI(AJE)	—	7.2	004° (357.1°)	—	—	—	—	RNAV1
TF	LILAC	—	17.1	057° (050.1°)	—	—	—	—	RNAV1
TF	MAYAH	—	14.4	057° (050.3°)	—	+4000	—	—	RNAV1

STANDARD ARRIVAL CHART-INSTRUMENT

RJBB / KANSAI INTL

➔ RNAV STAR RWY06L/06R

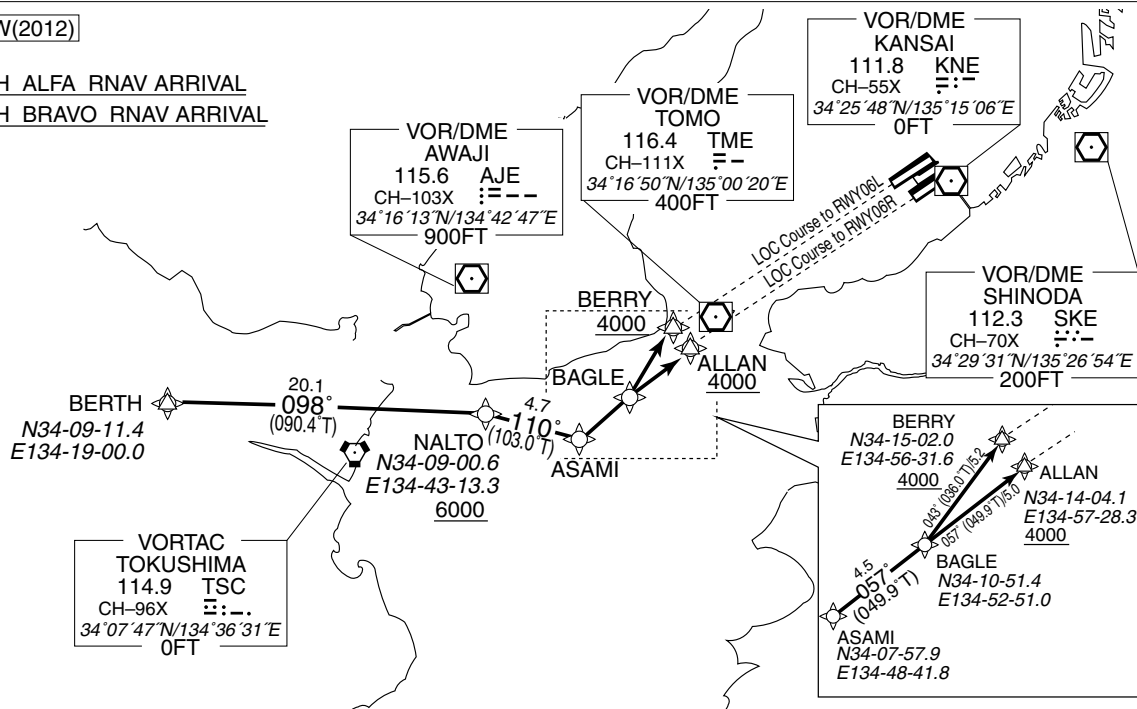
BERTH ALFA / BRAVO RNAV ARRIVAL

RNAV 1

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

VAR7° W(2012)

BERTH ALFA RNAV ARRIVAL
BERTH BRAVO RNAV ARRIVAL



BERTH ALFA RNAV ARRIVAL

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

FIX	DESIGNATION	COORDINATES
	BERTH	340911.4N 1341900.0E
	NALTO	340900.6N 1344313.3E
	ASAMI	340757.9N 1344841.8E
	BAGLE	341051.4N 1345251.0E
	ALLAN	341404.1N 1345728.3E
Critical DME	—	
DME GAP	—	
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
IF	BERTH	—	—	—	—	—	—	—	RNAV1
TF	NALTO	—	20.1	098° (090.4°)	—	+6000	—	—	RNAV1
TF	ASAMI	—	4.7	110° (103.0°)	—	—	—	—	RNAV1
TF	BAGLE	—	4.5	057° (049.9°)	—	—	—	—	RNAV1
TF	ALLAN	—	5.0	057° (049.9°)	—	+4000	—	—	RNAV1

STANDARD ARRIVAL CHART-INSTRUMENT

RJBB / KANSAI INTL

➡ RNAV STAR RWY06L/06R

BERTH BRAVO RNAV ARRIVAL

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

FIX	DESIGNATION	COORDINATES
	BERTH	340911.4N 1341900.0E
	NALTO	340900.6N 1344313.3E
	ASAMI	340757.9N 1344841.8E
	BAGLE	341051.4N 1345251.0E
	BERRY	341502.0N 1345631.6E
Critical DME		
DME GAP		
Inappropriate Nav aids		

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
IF	BERTH	—	—	—	—	—	—	—	RNAV1
TF	NALTO	—	20.1	098° (090.4°)	—	+6000	—	—	RNAV1
TF	ASAMI	—	4.7	110° (103.0°)	—	—	—	—	RNAV1
TF	BAGLE	—	4.5	057° (049.9°)	—	—	—	—	RNAV1
TF	BERRY	—	5.2	043° (036.0°)	—	+4000	—	—	RNAV1

STANDARD ARRIVAL CHART-INSTRUMENT

RJBB / KANSAI INTL

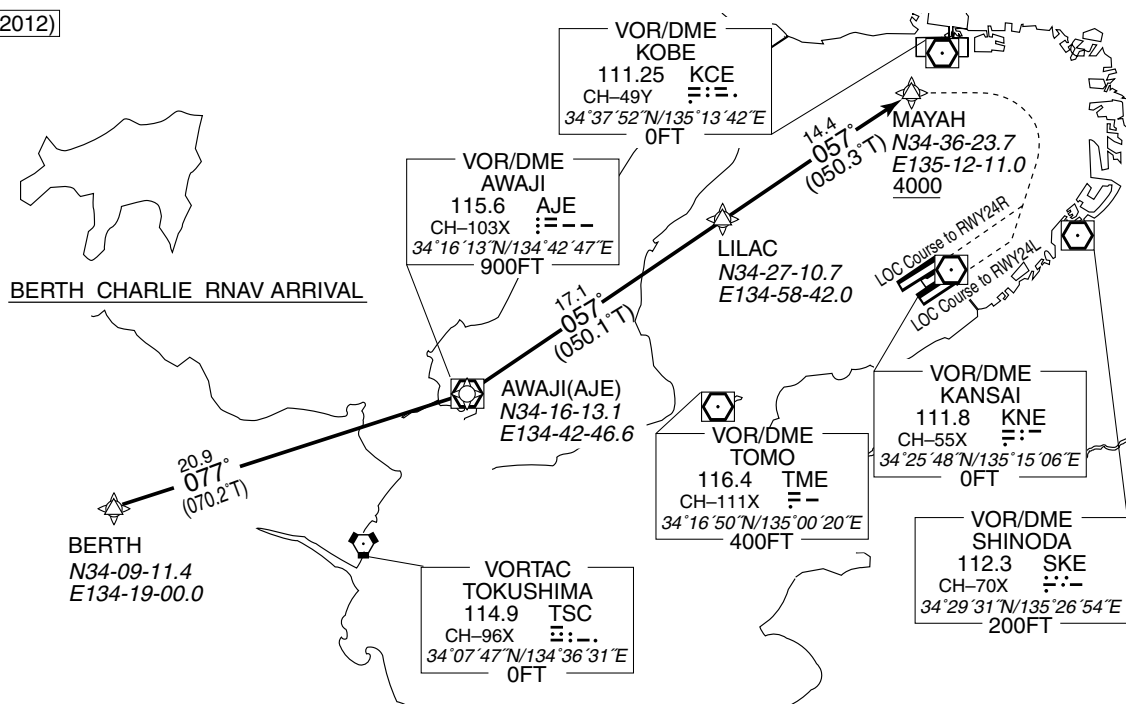
➔ RNAV STAR RWY24L/24R

BERTH CHARLIE RNAV ARRIVAL

RNAV 1

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

VAR7° W(2012)



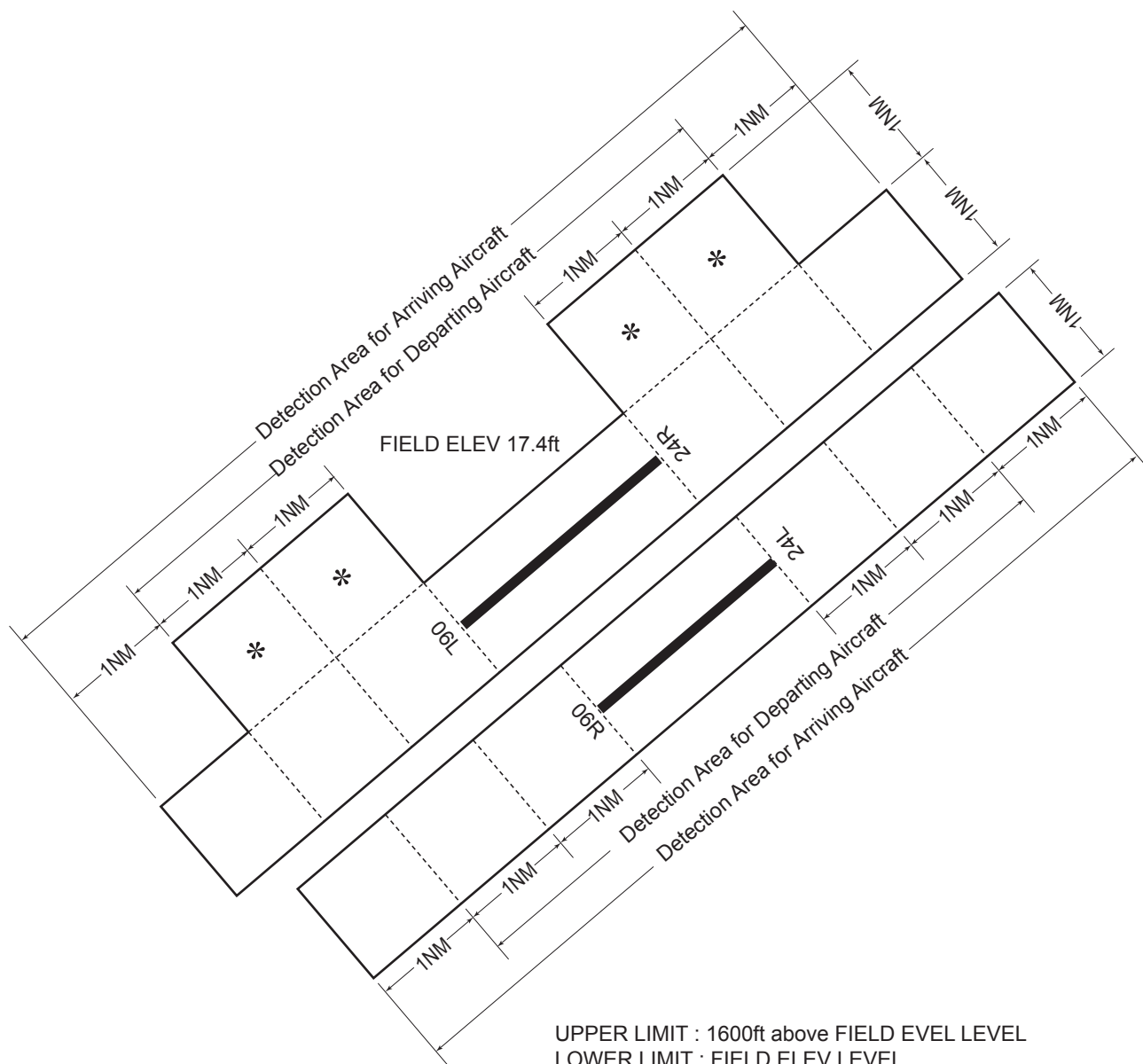
BERTH CHARLIE RNAV ARRIVAL

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

FIX	DESIGNATION	COORDINATES
	BERTH	340911.4N 1341900.0E
	AWAJI(AJE)	341613.1N 1344246.6E
	LILAC	342710.7N 1345842.0E
	MAYAH	343623.7N 1351211.0E
Critical DME	—	
DME GAP	—	
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

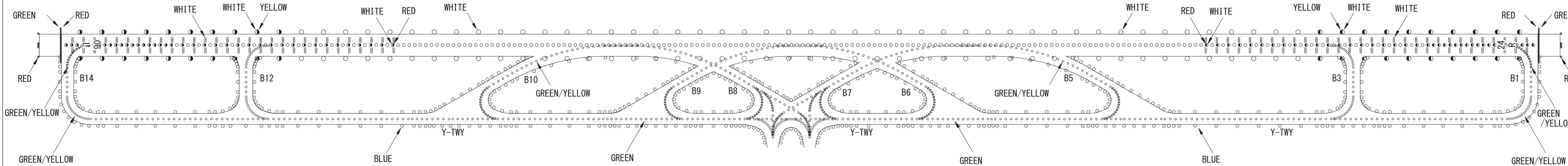
Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
IF	BERTH	—	—	—	—	—	—	—	RNAV1
TF	AWAJI(AJE)	—	20.9	077° (070.2°)	—	—	—	—	RNAV1
TF	LILAC	—	17.1	057° (050.1°)	—	—	—	—	RNAV1
TF	MAYAH	—	14.4	057° (050.3°)	—	+4000	—	—	RNAV1

**Airspace for the advisory service
concerning low level wind shear**

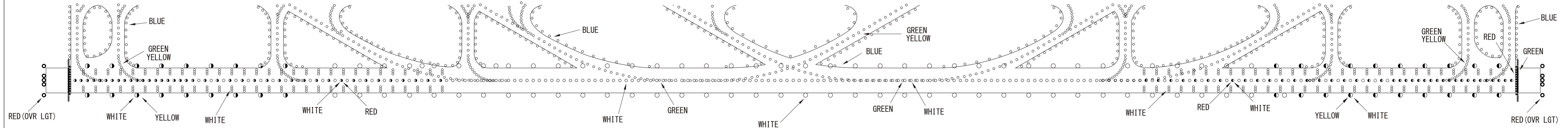


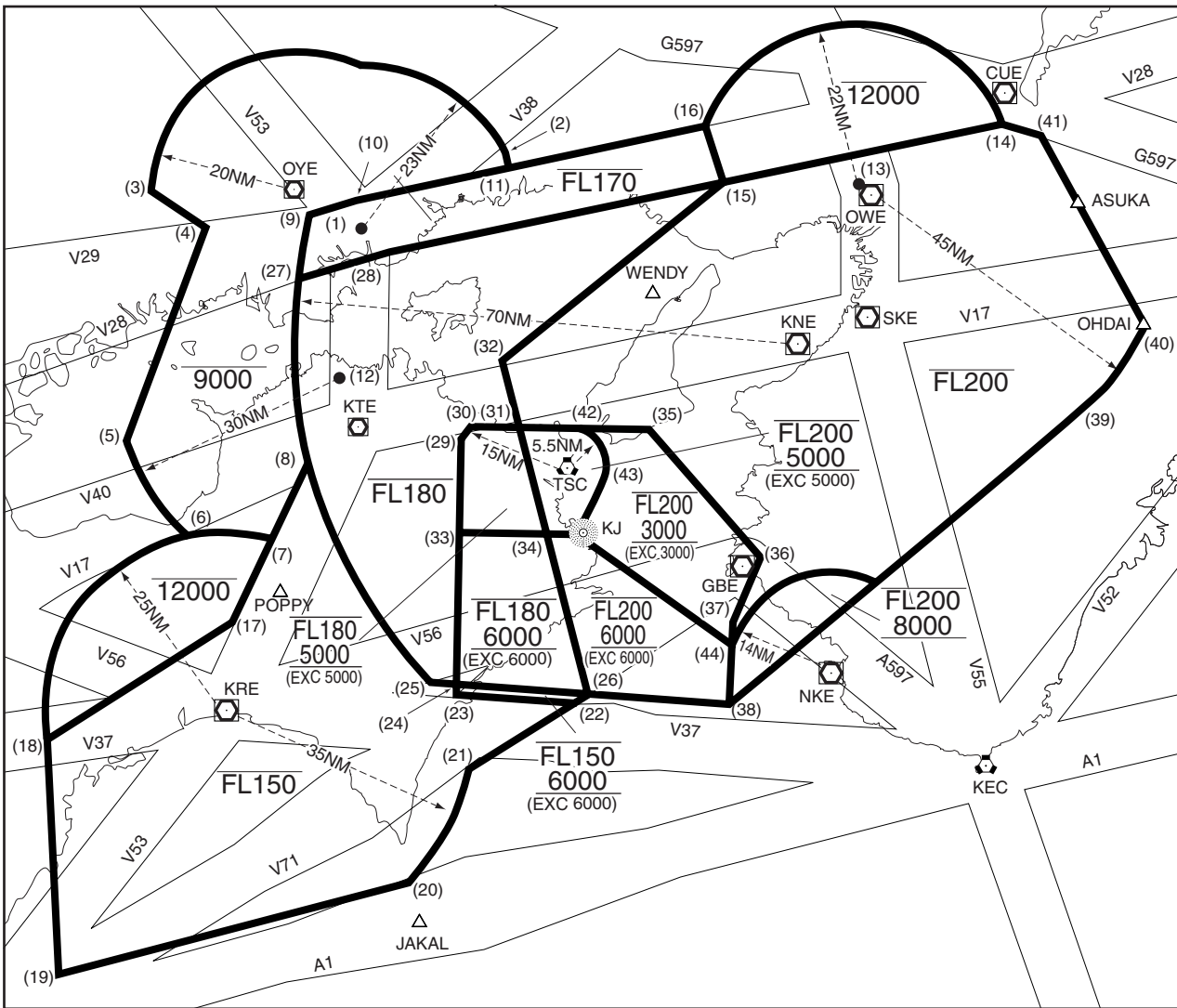
UPPER LIMIT : 1600ft above FIELD EVEL LEVEL
LOWER LIMIT : FIELD ELEV LEVEL
* Only for Departing Aircraft

LIGHTING AIDS
(RWY06L/24R)



LIGHTING AIDS
(RWY06R/24L)

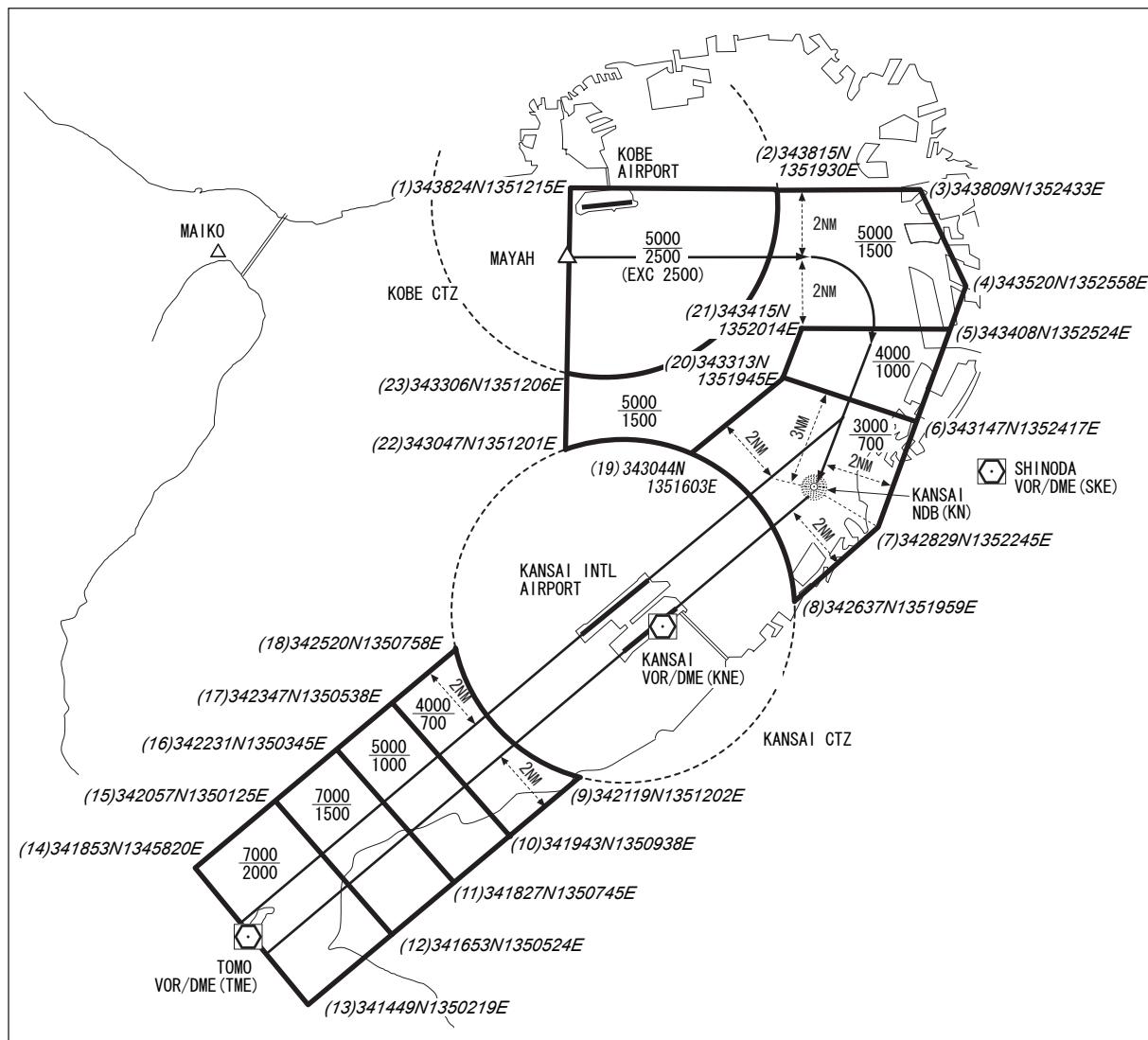


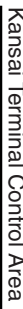


Point list

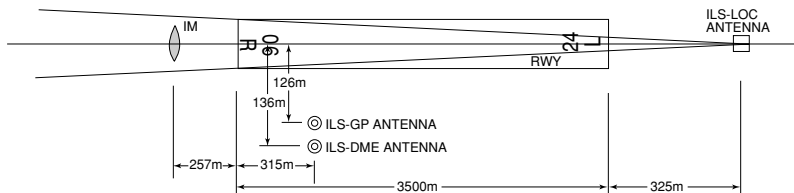
(1)	344017N/1340054E	(11)	344918N/1342546E	(21)	332535N/1342155E	(31)	341300N/1342835E	(41)	345514N/1355524E
(2)	345149N/1342506E	(12)	341935N/1335712E	(22)	333446N/1343838E	(32)	342232N/1342524E	(42)	341300N/1343838E
(3)	344441N/1332547E	(13)	344820N/1352413E	(23)	333545N/1341900E	(33)	335801N/1341900E	(43)	340527N/1344232E
(4)	344000N/1333500E	(14)	345649N/1354857E	(24)	333702N/1341900E	(34)	335827N/1343323E	(44)	334323N/1350500E
(5)	340944N/1332257E	(15)	344807N/1350220E	(25)	333714N/1341422E	(35)	341300N/1345028E		
(6)	335647N/1333342E	(16)	345542N/1343858E	(26)	333607N/1344043E	(36)	335551N/1350941E		
(7)	335646N/1334801E	(17)	334532N/1334215E	(27)	343251N/1335040E	(37)	334636N/1350500E		
(8)	340720N/1335327E	(18)	332732N/1331127E	(28)	343625N/1340212E	(38)	333500N/1350500E		
(9)	344157N/1335227E	(19)	325459N/1331440E	(29)	341136N/1341900E	(39)	341417N/1355956E		
(10)	344409N/1335937E	(20)	330932N/1341223E	(30)	341300N/1341932E	(40)	342923N/1361340E		

関西特別管制区 Kansai Positive Control Area



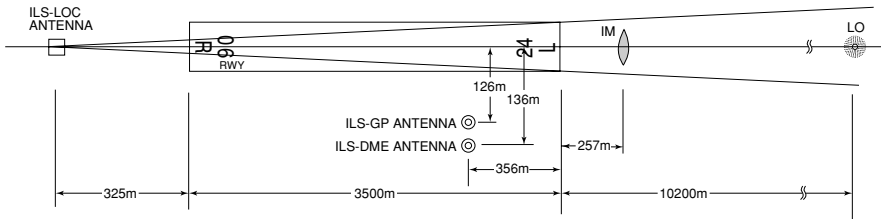


ILS FOR RWY 06R



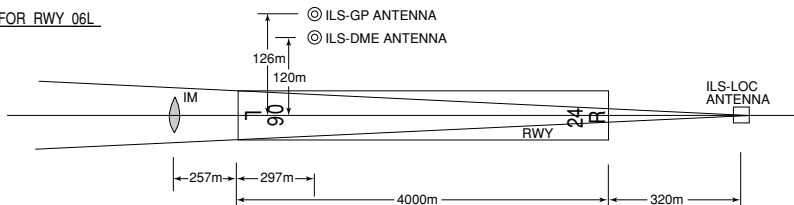
REMARKS : 1. LOC beam BRG(MAG) 058°
 2. HGT of ILS REF datum 16.5m (54ft)
 3. GP Angle 3.0°
 4. ELEV of ILS-DME 8.7m (29ft)

ILS FOR RWY 24L



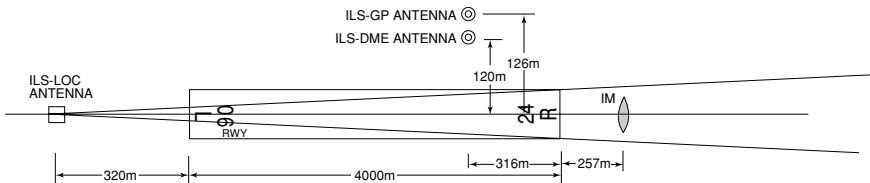
REMARKS : 1. LOC beam BRG(MAG) 238°
 2. HGT of ILS REF datum 16.9m (55ft)
 3. GP Angle 3.0°
 4. ELEV of ILS-DME 8.5m (28ft)

ILS FOR RWY 06L



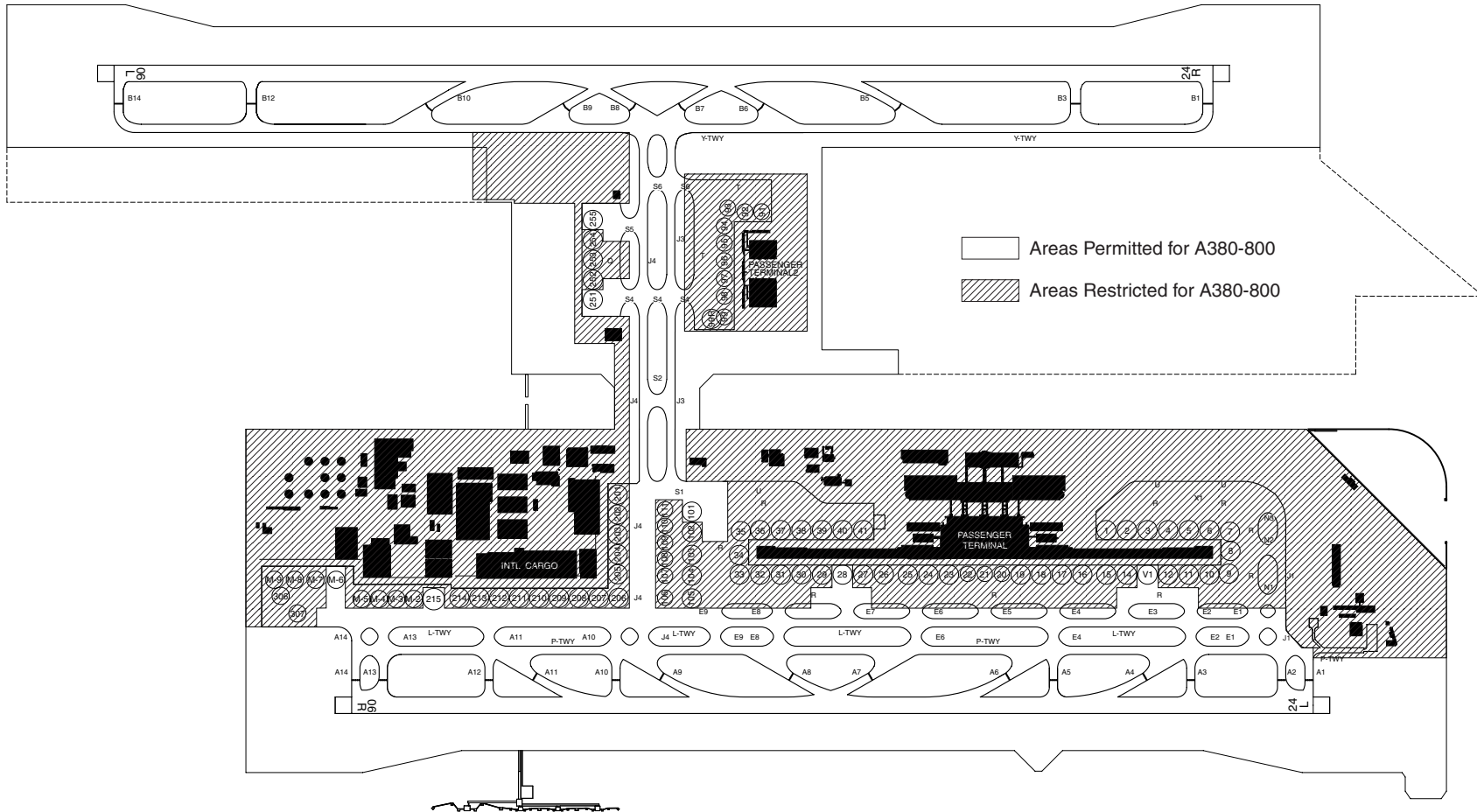
REMARKS : 1. LOC beam BRG(MAG) 058°
 2. HGT of ILS REF datum 16.5m (54ft)
 3. GP Angle 3.0°
 4. ELEV of ILS-DME 14.4m (47ft)

ILS FOR RWY 24R

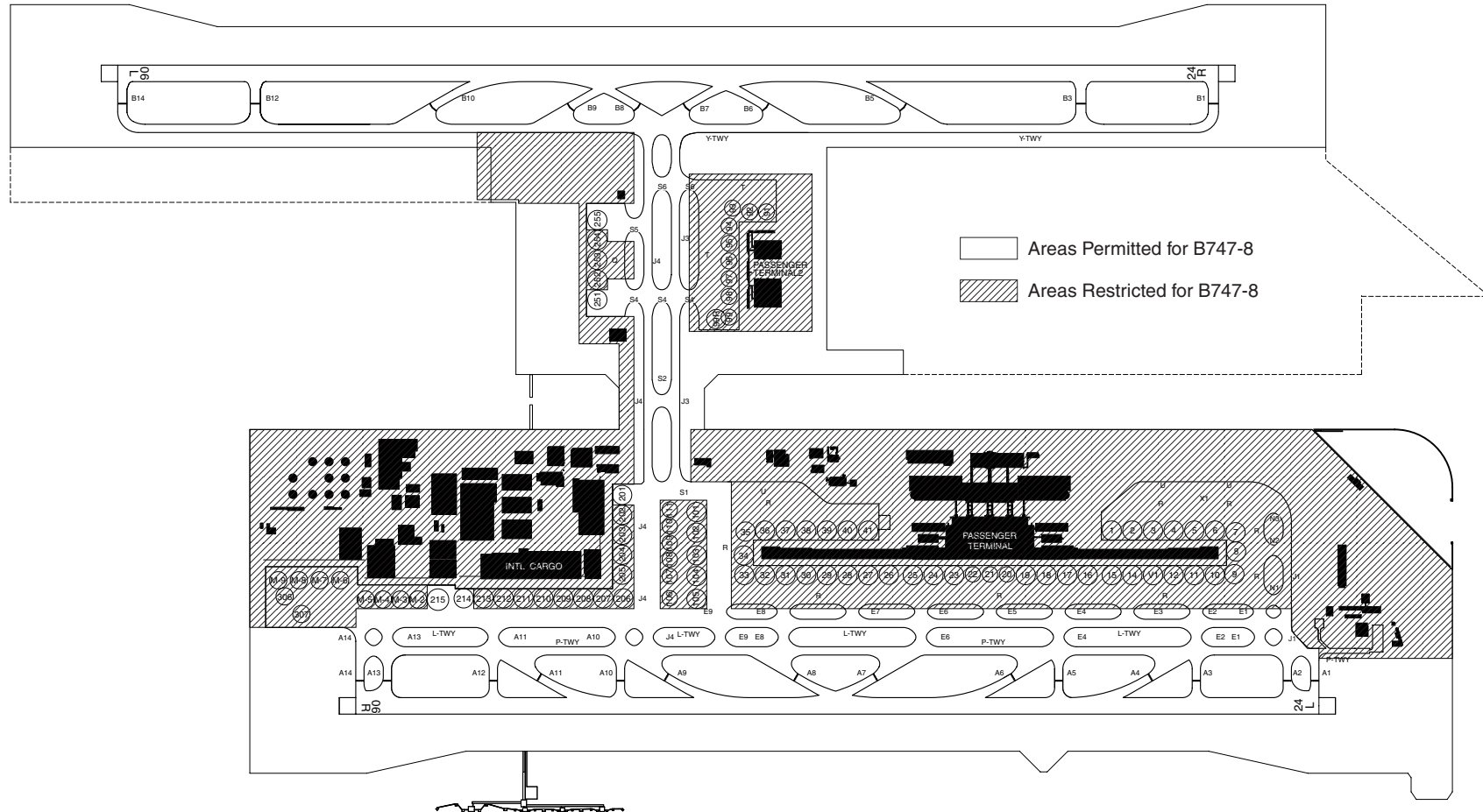


REMARKS : 1. LOC beam BRG(MAG) 238°
 2. HGT of ILS REF datum 16.5m (54ft)
 3. GP Angle 3.0°
 4. ELEV of ILS-DME 16.1m (53ft)

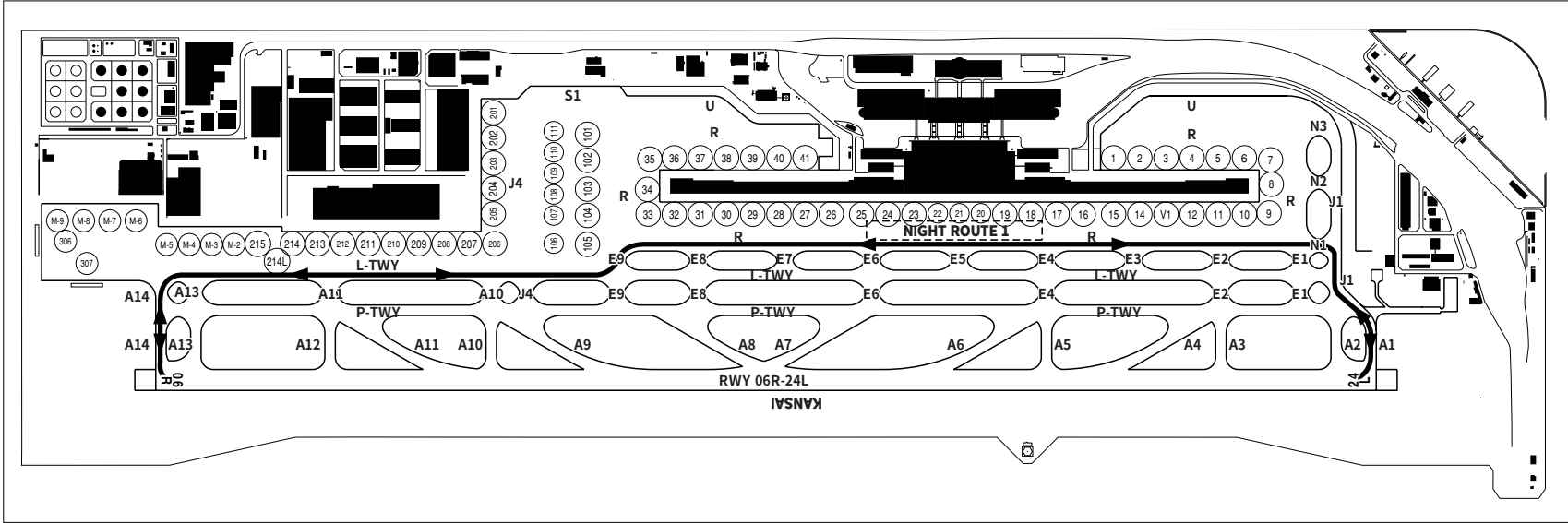
A380-800 MOVEMENT AREA



B747-8 MOVEMENT AREA



Standard Taxiing Route of Night Time



LEGEND

- ←→ : FLOW of ARRIVAL/DEPARTURE (RWY06R/24L)
- : SPOT (Aircraft Parking Position)
- : ROUTE NAME

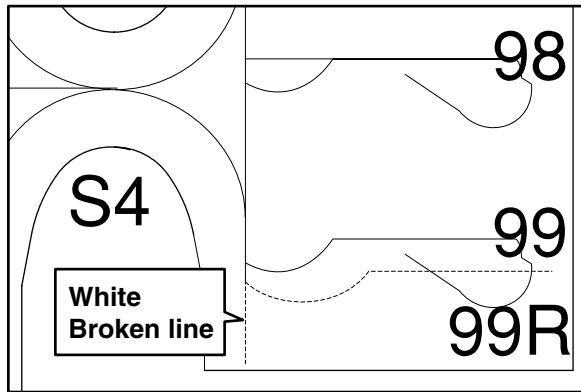
DEPARTURE/ARRIVAL

Standard Taxiing Route of Night Time

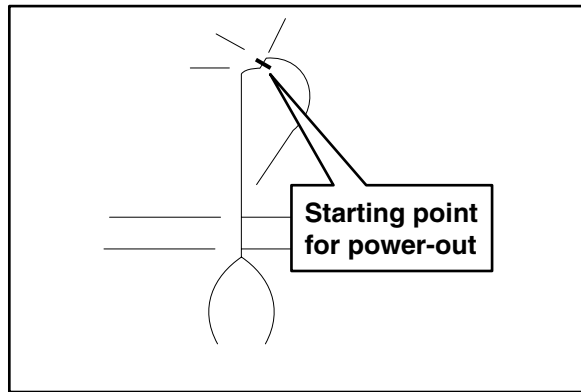
Night Time (Between 1430UTC and 2030UTC)

Route Name	Departure/Arrival	Using RWY/Taxiing Route
NIGHT ROUTE 1	Departure	to RWY06R/R, E9, L, A14-Taxiway
		to RWY24L/L, E9, R, N1, J1, A1-Taxiway
	Arrival	from RWY06R/A1, J1, N1, R, E9, L-Taxiway
		from RWY24L/A14, L, E9, R-Taxiway

別図 (ATTACHMENT-1)



別図 (ATTACHMENT-2)



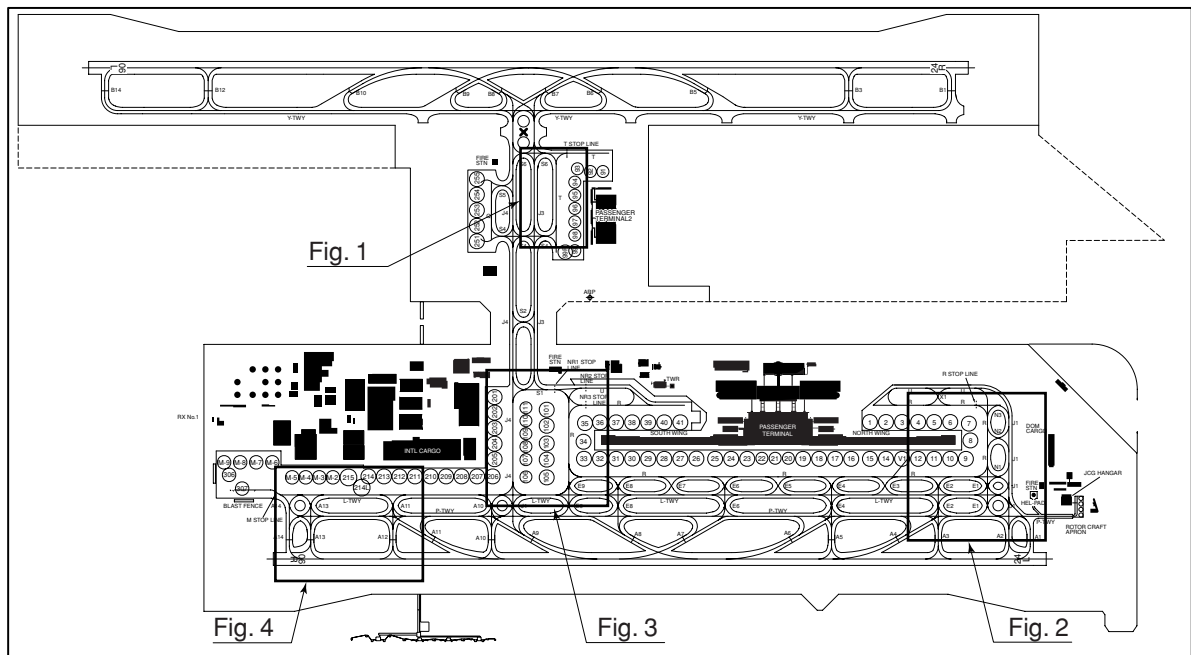


Fig. 1

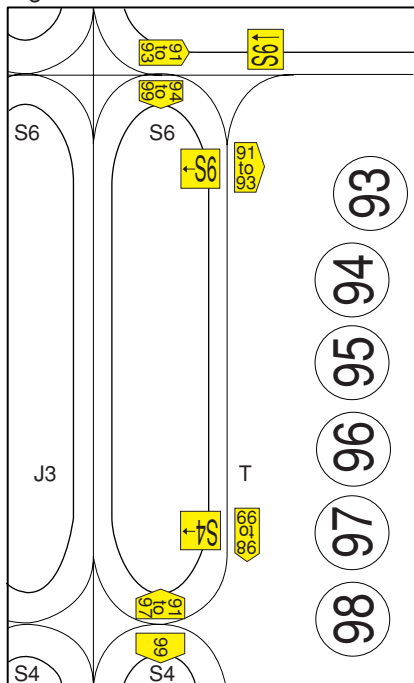


Fig. 2

