

RJBE / KOBE

AD CHART

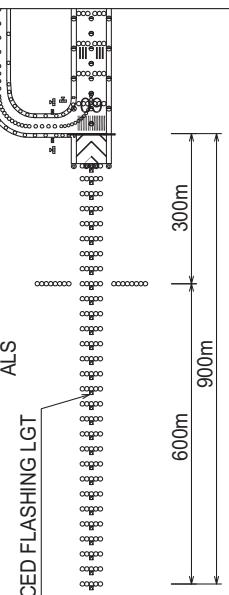
CHANGE : Spot FM 11 to 15 established. REMARKS APRON.

Designation	Call Sign	FREQ (MHz)
TWR	Kobe Tower	118.5, 126.2
GND	Kobe Ground	122.075
ATIS	Kobe Airport	128.075

VAR 8°W(2022)
Annual Change 5°W

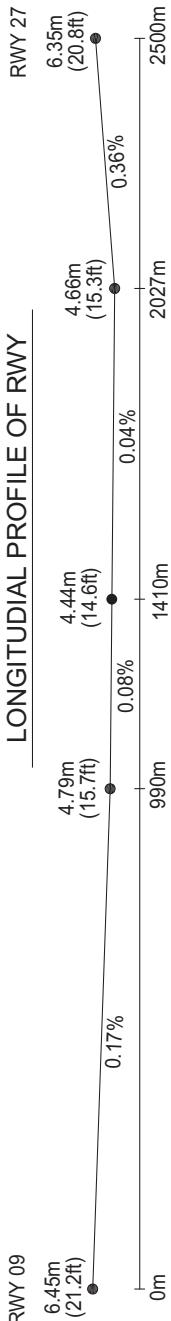
RWY HLGD PSN MARKINGS and RWY GUARD LIGHTS

RWY HLGD PSN markings are located on TWY T1 THRU T6. RWY guard lights are located on RWY T1 THRU T6. Their locations are 75m off the RWY centerline.



COMMON WAYS OF ITS MARKINGS AND LGT

REMARKS :	RWY GROOVING	34m PCR 852/F/B/X/T
	RWY STRENGTH	32m PCR 1039/F/B/X/T
WIDTH & STRENGTH OF TWY	T2, T3, T4, T5	30m PCR 1039/F/B/X/T
	T1, T6	30m PCR 1132/R/B/W/T
	P1 thru P3, P5	9m PCR 190/F/B/X/T
	P4	18m PCR 417/F/B/X/T
	W1	23m PCR 513/F/B/X/T
	W2	
	W3	905m x 190m
		905m x 40m
		PCR 1039/F/B/X/T
		2500m x 40m
		APRON



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STANDARD DEPARTURE CHART-INSTRUMENT

RJBE / KOBE

SID

KOBE SIX DEPARTURE

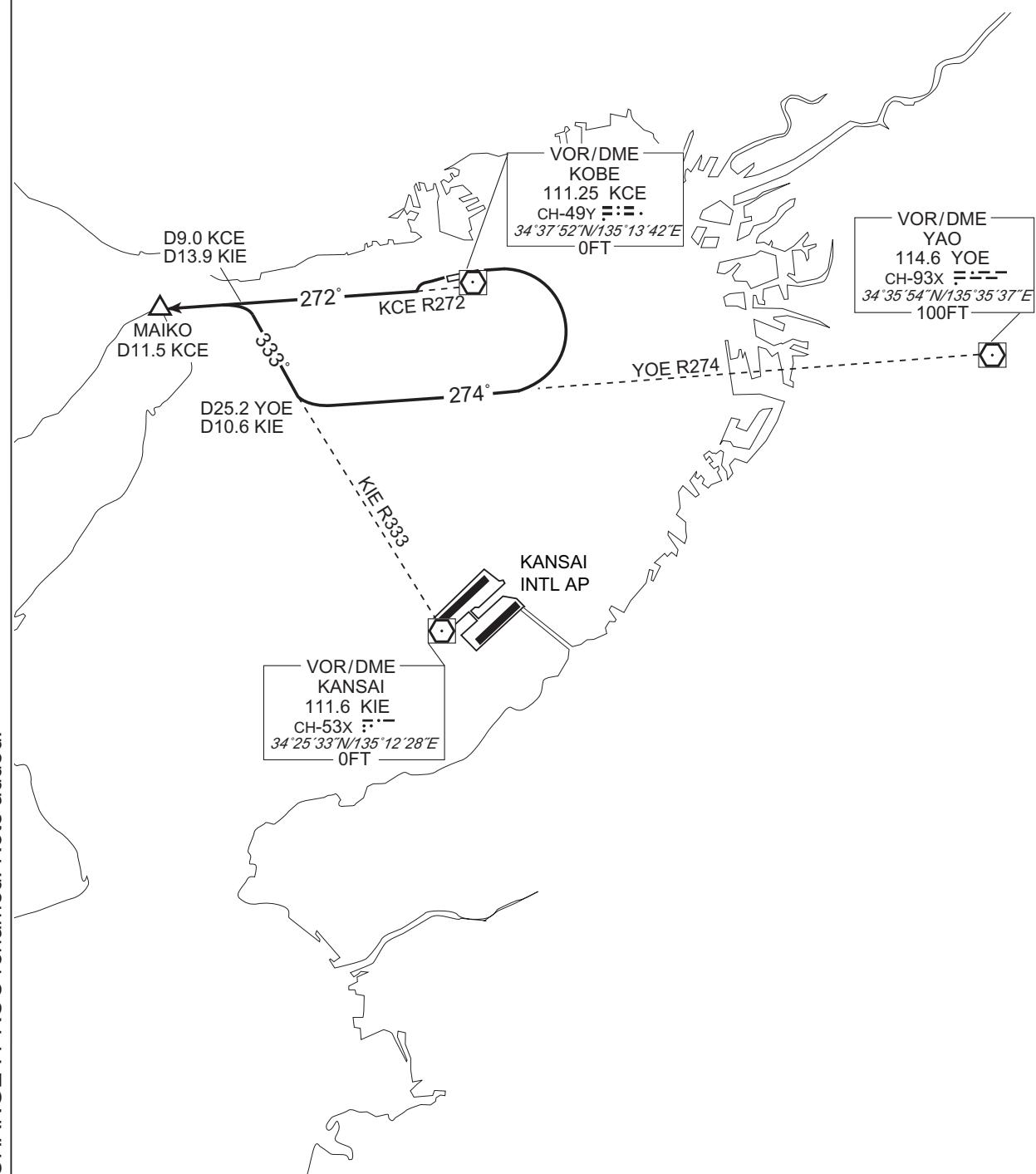
RWY09: Turn right, climb via YOE R274 to intercept and proceed via KIE R333, via KCE R272 to MAIKO.

RWY27: Climb via KCE R272 to MAIKO.

Note RWY09 : 5.0% climb gradient required up to 500FT.

RWY27 : 5.0% climb gradient required up to 500FT.

CHANGE : PROC renamed. Note added.



STANDARD DEPARTURE CHART - INSTRUMENT

CHANGE : YABUU TRANSITION, OMBIP TRANSITION established. TAMBA TRANSITION, AYAYA TRANSITION abolished. PROC course. ALT restriction at KAWAT.

RJBE / KOBE

TRANSITION

KIBI TRANSITION

From over MAIKO, proceed via KCE R272 to KAWAT, via OYE R114 to OYE VOR/DME.

Cross KAWAT at or above 7000FT.

YABUU TRANSITION

From over MAIKO, proceed via KCE R272 to KAWAT, via KCE 33.3DME clockwise ARC via OMBIP, to intercept and proceed via YME R215 to YME VOR/DME.

Cross KAWAT at or above 7000FT, cross KCE R330 at or above 8000FT.

KAGAWA TRANSITION

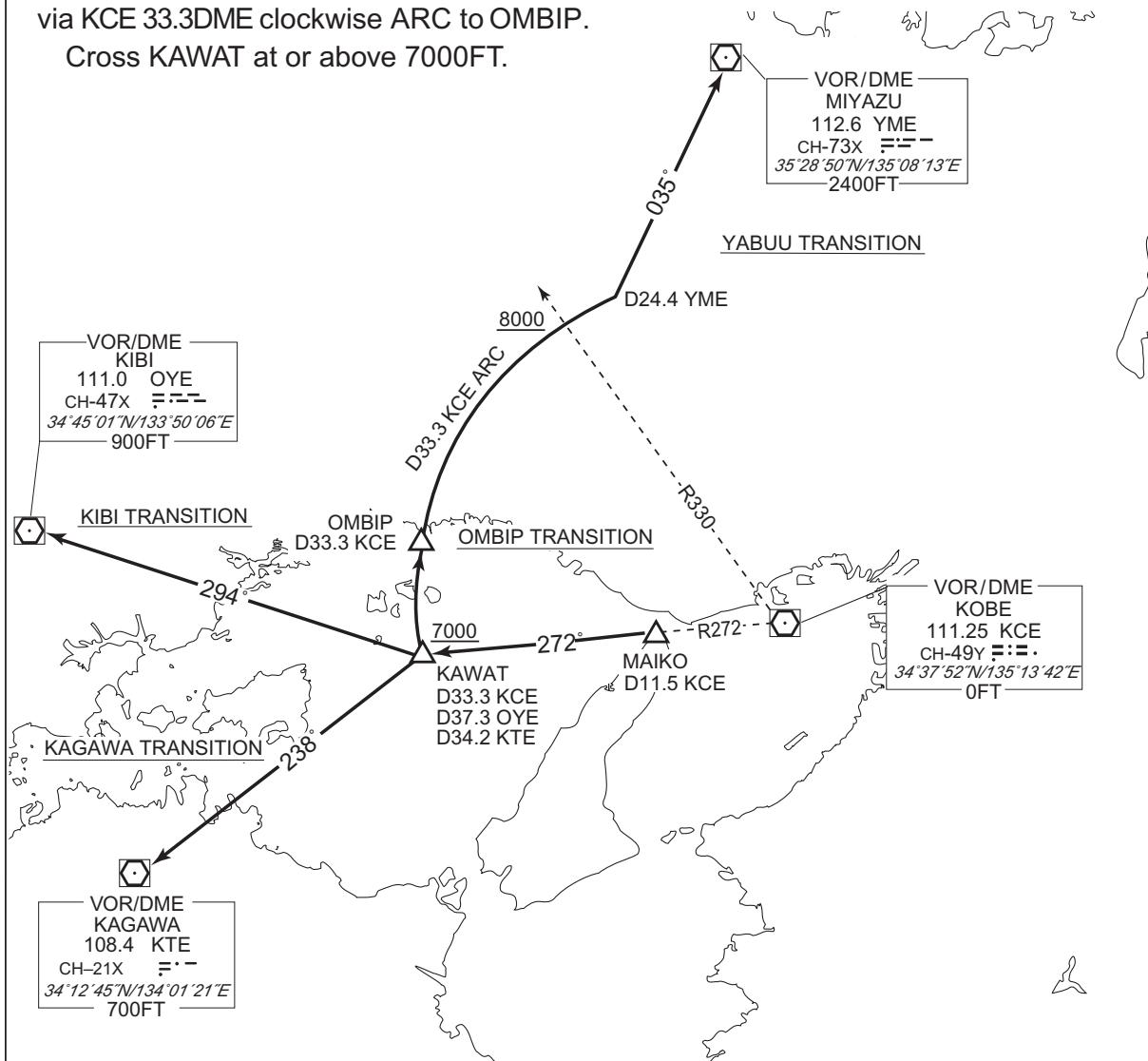
From over MAIKO, proceed via KCE R272 to KAWAT, via KTE R058 to KTE VOR/DME.

Cross KAWAT at or above 7000FT.

OMBIP TRANSITION

From over MAIKO, proceed via KCE R272 to KAWAT, via KCE 33.3DME clockwise ARC to OMBIP.

Cross KAWAT at or above 7000FT.



STANDARD DEPARTURE CHART-INSTRUMENT

RJBE / KOBE	RNAV TRANSITION
SOUJA TRANSITION WASYU TRANSITION / TANTA TRANSITION	RNP1
Note GNSS required.	
VAR 8°W	
<p><u>SOUJA TRANSITION</u></p> <p><u>WASYU TRANSITION</u></p> <p><u>TANTA TRANSITION</u></p>	
<p><u>SOUJA TRANSITION</u></p> <p>From MUKRI, to ATKAS, to GUMID, to SOUJA.</p> <p><u>WASYU TRANSITION</u></p> <p>From MUKRI, to ATKAS, to SHION at or above 5000FT, to WASYU.</p> <p><u>TANTA TRANSITION</u></p> <p>From MUKRI, to ATKAS, to TANTA.</p>	

STANDARD DEPARTURE CHART-INSTRUMENT

RJBE / KOBE

RNAV TRANSITION

SOUJA TRANSITION

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	MUKRI	—	—	-8.2	—	—	—	—	—	RNP1
002	TF	ATKAS	—	280 (271.9)	-8.2	6.4	—	—	—	—	RNP1
003	TF	GUMID	—	279 (270.9)	-8.2	36.2	—	—	—	—	RNP1
004	TF	SOUJA	—	290 (282.2)	-8.2	15.3	—	—	—	—	RNP1

WASYU TRANSITION

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	MUKRI	—	—	-8.2	—	—	—	—	—	RNP1
002	TF	ATKAS	—	280 (271.9)	-8.2	6.4	—	—	—	—	RNP1
003	TF	SHION	—	260 (251.4)	-8.2	25.7	—	+5000	—	—	RNP1
004	TF	WASYU	—	282 (273.6)	-8.2	44.6	—	—	—	—	RNP1

TANTA TRANSITION

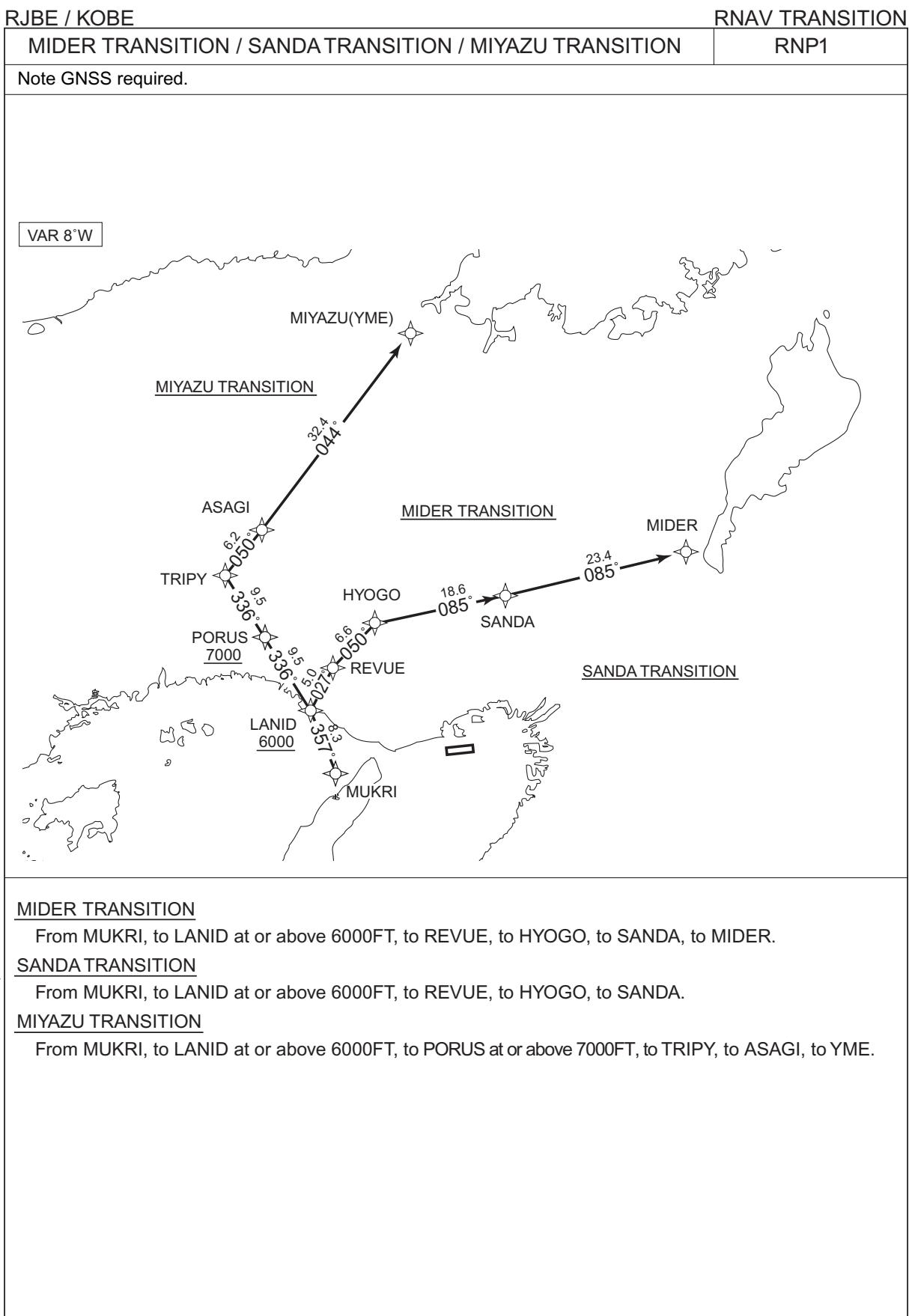
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course M°(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	MUKRI	—	—	-8.2	—	—	—	—	—	RNP1
002	TF	ATKAS	—	280 (271.9)	-8.2	6.4	—	—	—	—	RNP1
003	TF	TANTA	—	230 (221.4)	-8.2	23.8	—	—	—	—	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
MUKRI	343345.5N / 1345419.2E	SHION	342542.1N / 1341657.4E
ATKAS	343358.2N / 1344630.9E	WASYU	342817.5N / 1332301.1E
GUMID	343425.8N / 1340234.0E	TANTA	341604.9N / 1342729.2E
SOUJA	343738.6N / 1334422.5E		

CHANGE : TANTA TRANSITION, MUKRI, ATKAS, GUMID established. WENDY TRANSITION, WENDY abolished. PROC course. VAR.
ALT restriction at SHION. Navigation Specification. Waypoint Coordinates added.

STANDARD DEPARTURE CHART-INSTRUMENT



STANDARD DEPARTURE CHART-INSTRUMENT

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RNAV TRANSITION

MIDER TRANSITION

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	MUKRI	—	—	-8.2	—	—	—	—	—	RNP1
002	TF	LANID	—	357 (349.2)	-8.2	8.3	—	+6000	—	—	RNP1
003	TF	REVUE	—	027 (018.9)	-8.2	5.0	—	—	—	—	RNP1
004	TF	HYOGO	—	050 (041.6)	-8.2	6.6	—	—	—	—	RNP1
005	TF	SANDA	—	085 (076.4)	-8.2	18.6	—	—	—	—	RNP1
006	TF	MIDER	—	085 (077.1)	-8.2	23.4	—	—	—	—	RNP1

SANDA TRANSITION

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	MUKRI	—	—	-8.2	—	—	—	—	—	RNP1
002	TF	LANID	—	357 (349.2)	-8.2	8.3	—	+6000	—	—	RNP1
003	TF	REVUE	—	027 (018.9)	-8.2	5.0	—	—	—	—	RNP1
004	TF	HYOGO	—	050 (041.6)	-8.2	6.6	—	—	—	—	RNP1
005	TF	SANDA	—	085 (076.4)	-8.2	18.6	—	—	—	—	RNP1

MIYAZU TRANSITION

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	MUKRI	—	—	-8.2	—	—	—	—	—	RNP1
002	TF	LANID	—	357 (349.2)	-8.2	8.3	—	+6000	—	—	RNP1
003	TF	PORUS	—	336 (327.9)	-8.2	9.5	—	+7000	—	—	RNP1
004	TF	TRIPY	—	336 (327.8)	-8.2	9.5	—	—	—	—	RNP1
005	TF	ASAGI	—	050 (041.6)	-8.2	6.2	—	—	—	—	RNP1
006	TF	YME	—	044 (035.7)	-8.2	32.4	—	—	—	—	RNP1

 CHANGE : MUKRI, LANID, PORUS established. STEEL abolished. PROC course. VAR.
 DIST FM MUKRI to TRIPY. Navigation Specification.

STANDARD DEPARTURE CHART-INSTRUMENT

RJBE / KOBE

RNAV TRANSITION

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
MUKRI	343345.5N / 1345419.2E	MIDER	350101.4N / 1354933.6E
LANID	344152.2N / 1345226.6E	PORUS	344956.9N / 1344615.6E
REVUE	344636.4N / 1345425.3E	TRIPY	345801.2N / 1344003.4E
HYOGO	345130.6N / 1345944.0E	ASAGI	350237.2N / 1344502.4E
SANDA	345550.2N / 1352143.9E	YME	352850.5N / 1350813.3E

CHANGE : Waypoint Coordinates added.

STANDARD DEPARTURE CHART-INSTRUMENT

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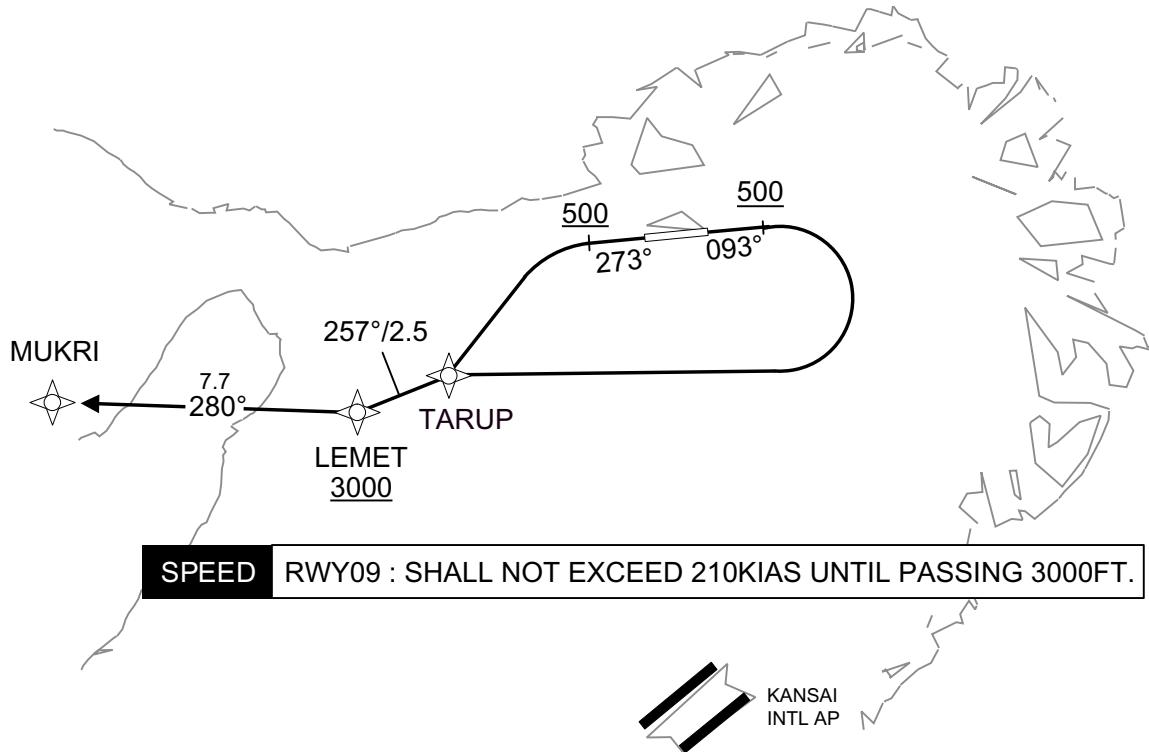
RNAV SID

MUKRI ONE DEPARTURE

RNP1

Note GNSS required.

VAR 8°W



RWY09 : Climb on HDG093° at or above 500FT, turn right direct to TARUP, to LEMET at or above 3000FT, to MUKRI.

RWY27 : Climb on HDG273° at or above 500FT, turn left direct to TARUP, to LEMET at or above 3000FT, to MUKRI.

Note RWY09 : 5.0% climb gradient required up to 500FT.

RWY27 : 5.0% climb gradient required up to 500FT.

CHANGE : New PROC.

STANDARD DEPARTURE CHART-INSTRUMENT

RJBE / KOBE

RNAV SID

MUKRI ONE DEPARTURE

RWY09

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	—	—	093 (084.6)	-8.2	—	—	+500	—	—	RNP1
002	DF	TARUP	—	—	-8.2	—	R	—	—	—	RNP1
003	TF	LEMET	—	257 (248.5)	-8.2	2.5	—	+3000	—	—	RNP1
004	TF	MUKRI	—	280 (272.0)	-8.2	7.7	—	—	—	—	RNP1

RWY27

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	—	—	273 (264.6)	-8.2	—	—	+500	—	—	RNP1
002	DF	TARUP	—	—	-8.2	—	L	—	—	—	RNP1
003	TF	LEMET	—	257 (248.5)	-8.2	2.5	—	+3000	—	—	RNP1
004	TF	MUKRI	—	280 (272.0)	-8.2	7.7	—	—	—	—	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
TARUP	343423.6N / 1350626.5E	MUKRI	343345.5N / 1345419.2E
LEMET	343329.7N / 1350340.2E		

CHANGE : New PROC.

STANDARD ARRIVAL CHART-INSTRUMENT

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STAR

OMBIP ARRIVAL

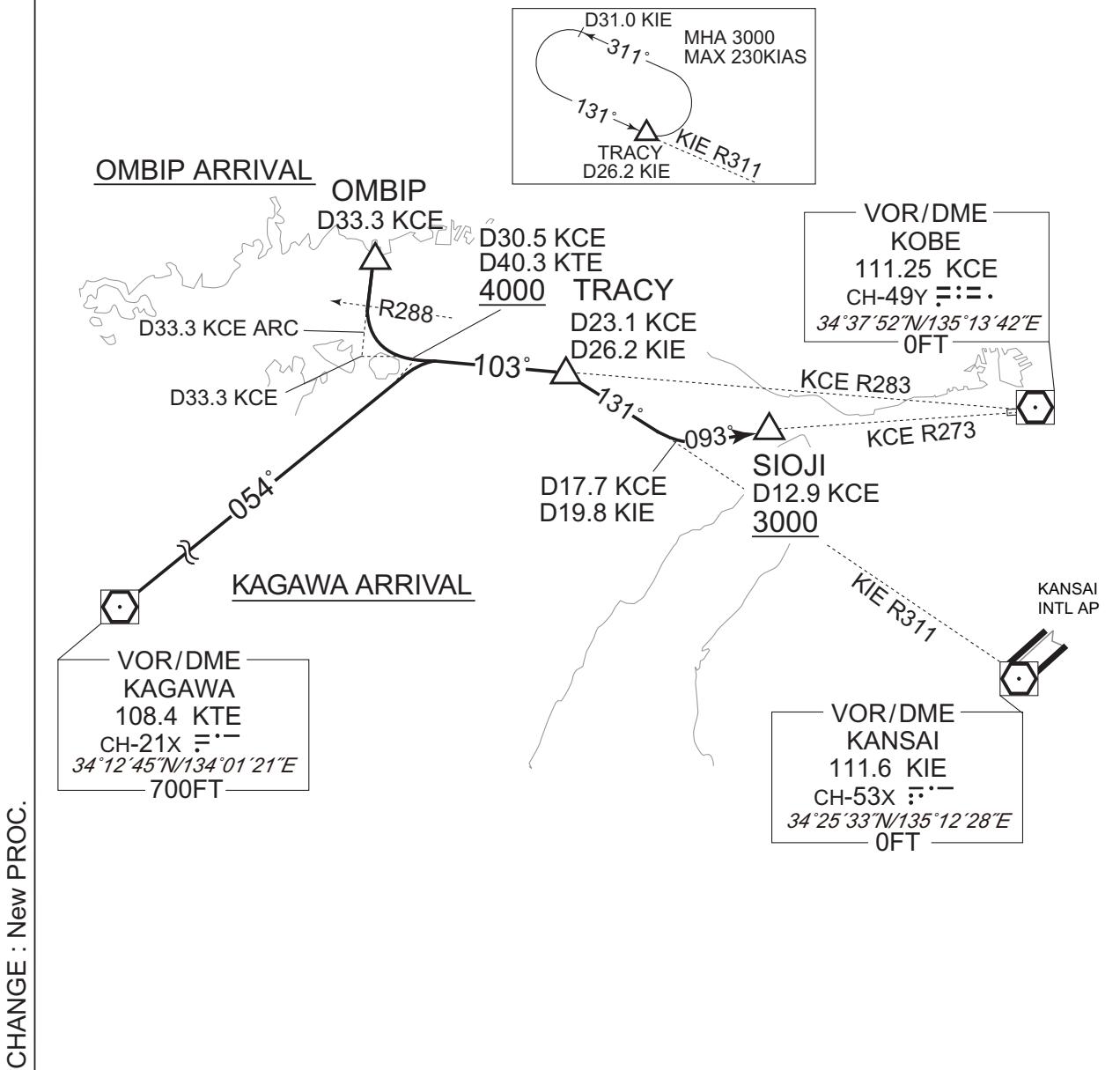
From over OMBIP, proceed via KCE 33.3DME counterclockwise ARC to intercept and proceed via KCE R283 to TRACY, via KIE R311 to intercept and proceed via KCE R273 to SIOJI.

Cross SIOJI at or above 3000FT.

KAGAWA ARRIVAL

From over KTE VOR/DME, proceed via KTE R054 to intercept and proceed via KCE R283 to TRACY, via KIE R311 to intercept and proceed via KCE R273 to SIOJI.

Cross KCE R283/30.5DME(KTE R054/40.3DME) at or above 4000FT,
cross SIOJI at or above 3000FT.



STANDARD ARRIVAL CHART-INSTRUMENT

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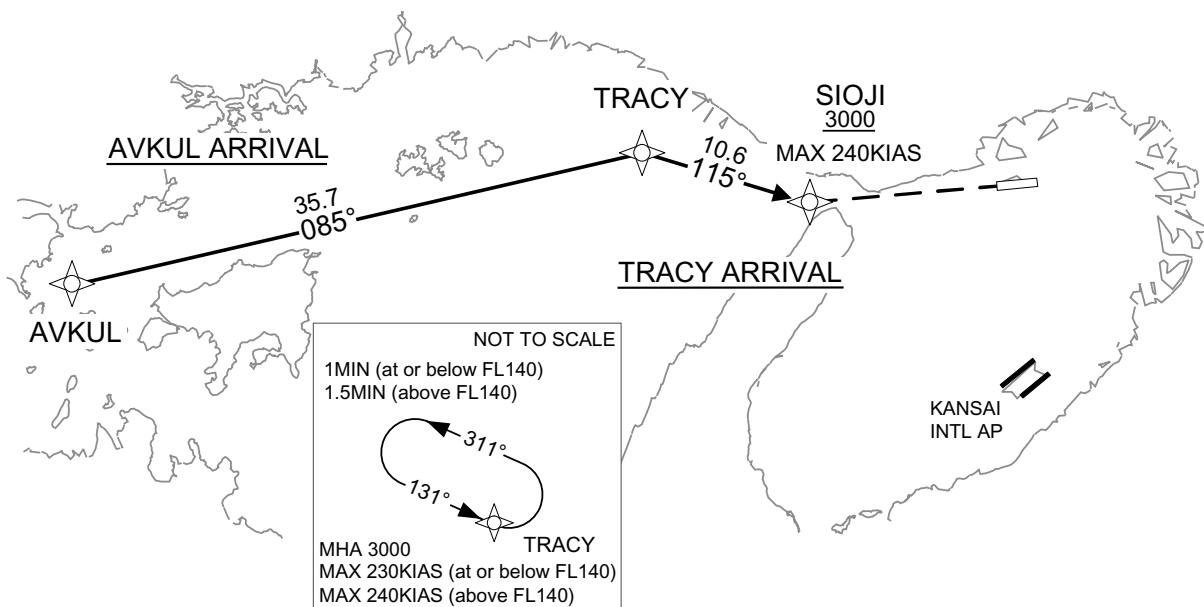
RNAV STAR RWY09

AVKUL ARRIVAL / TRACY ARRIVAL

RNP1

Note GNSS required.

VAR 8°W

AVKUL ARRIVAL

From AVKUL, to TRACY, to SIOJI at or above 3000FT.

TRACY ARRIVAL

From TRACY, to SIOJI at or above 3000FT.

CHANGE : New PROC.

STANDARD ARRIVAL CHART-INSTRUMENT

RJBE / KOBE

RNAV STAR RWY09

AVKUL ARRIVAL

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	AVKUL	—	—	-8.2	—	—	—	—	—	RNP1
002	TF	TRACY	—	085 (076.5)	-8.2	35.7	—	—	—	—	RNP1
003	TF	SIOJI	—	115 (106.7)	-8.2	10.6	—	+3000	-240	—	RNP1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	TRACY	131 (123.1)	-8.2	1.0(-14000) 1.5(+14001)	L	3000	—	-230(-14000) -240(+14001)	RNP1

TRACY ARRIVAL

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	TRACY	—	—	-8.2	—	—	—	—	—	RNP1
002	TF	SIOJI	—	115 (106.7)	-8.2	10.6	—	+3000	-240	—	RNP1

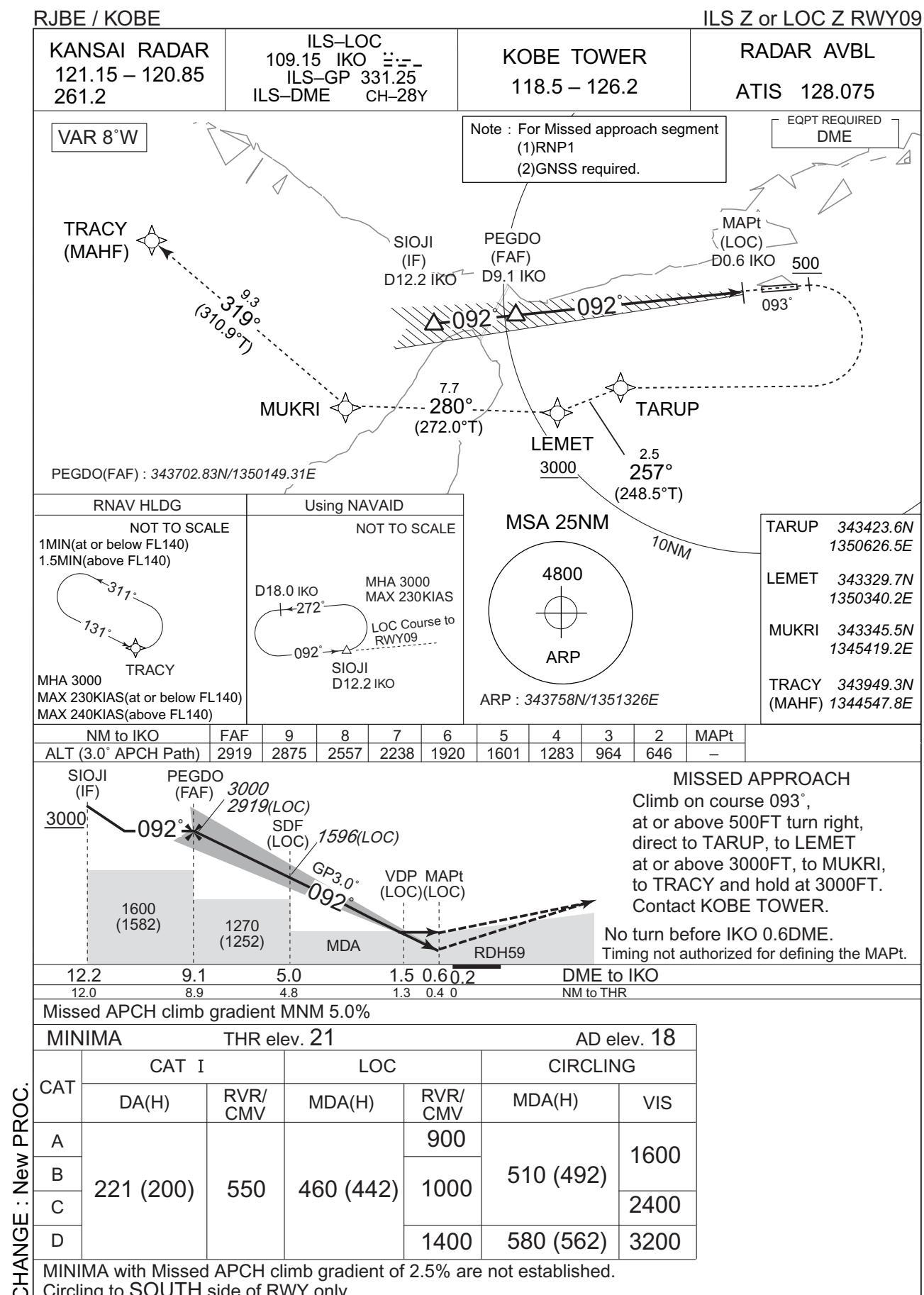
Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	TRACY	131 (123.1)	-8.2	1.0(-14000) 1.5(+14001)	L	3000	—	-230(-14000) -240(+14001)	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AVKUL	343135.4N / 1340338.7E	SIOJI	343645.2N / 1345808.8E
TRACY	343949.3N / 1344547.8E		

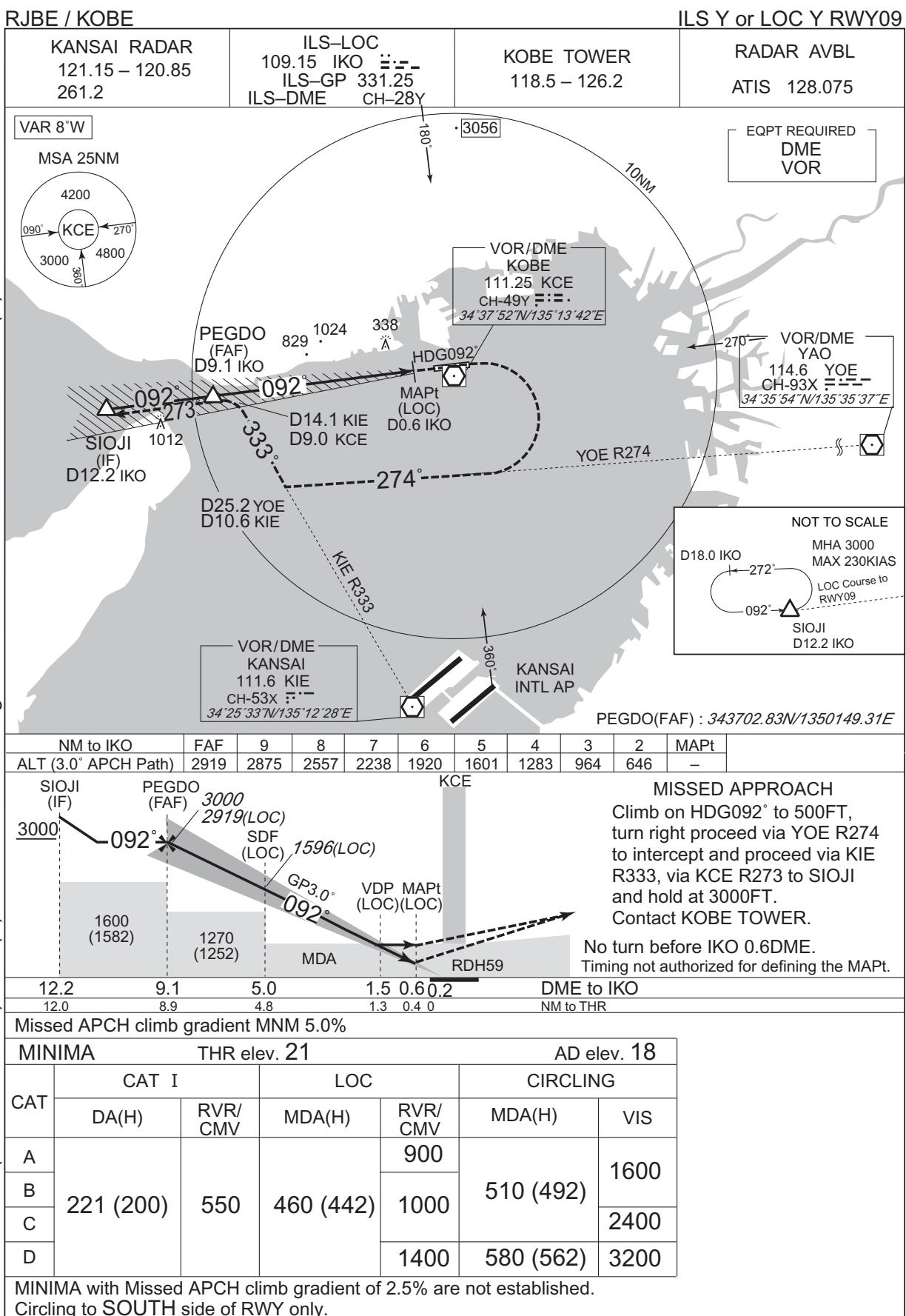
CHANGE : New PROC.

INSTRUMENT APPROACH CHART

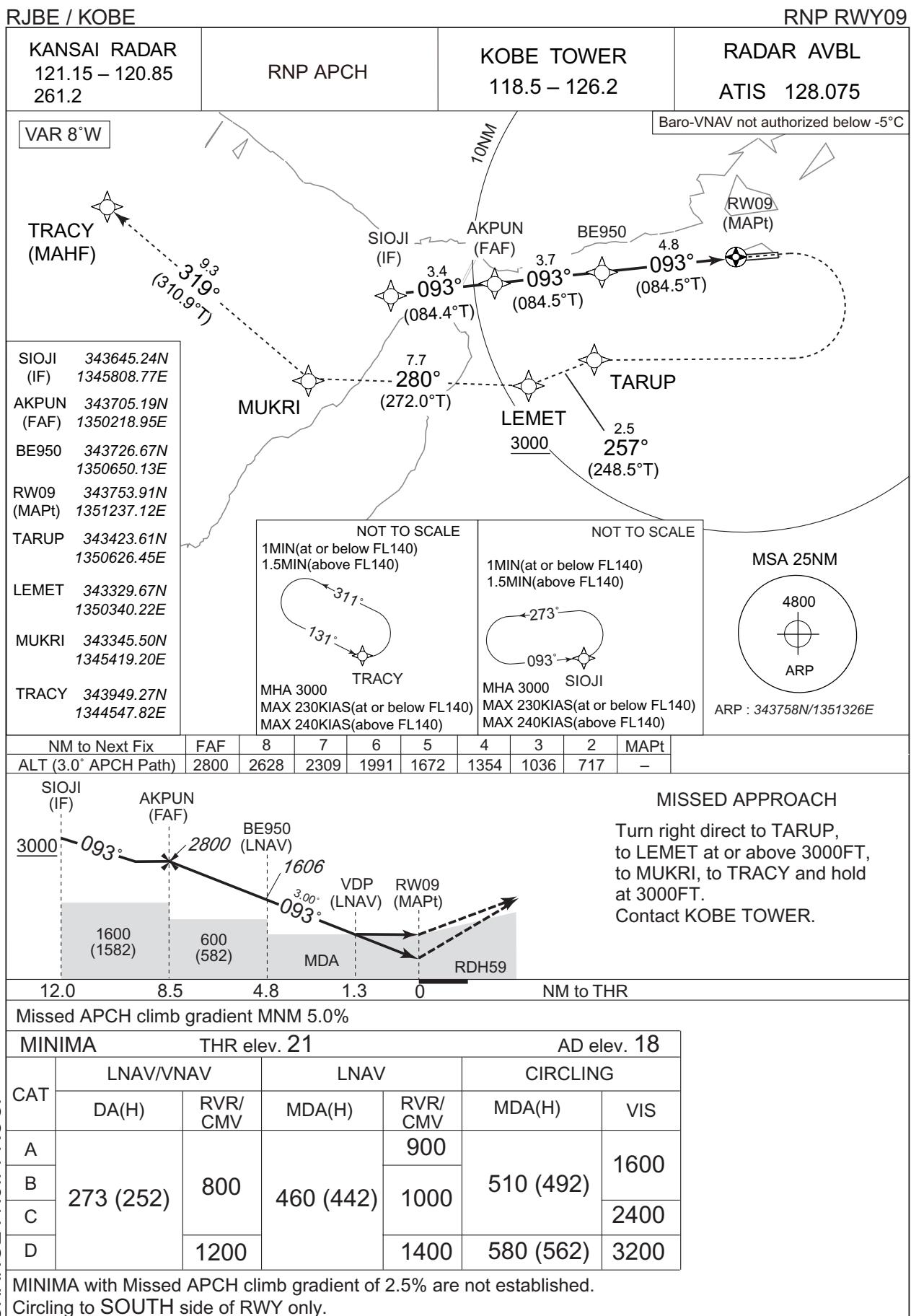


INSTRUMENT APPROACH CHART

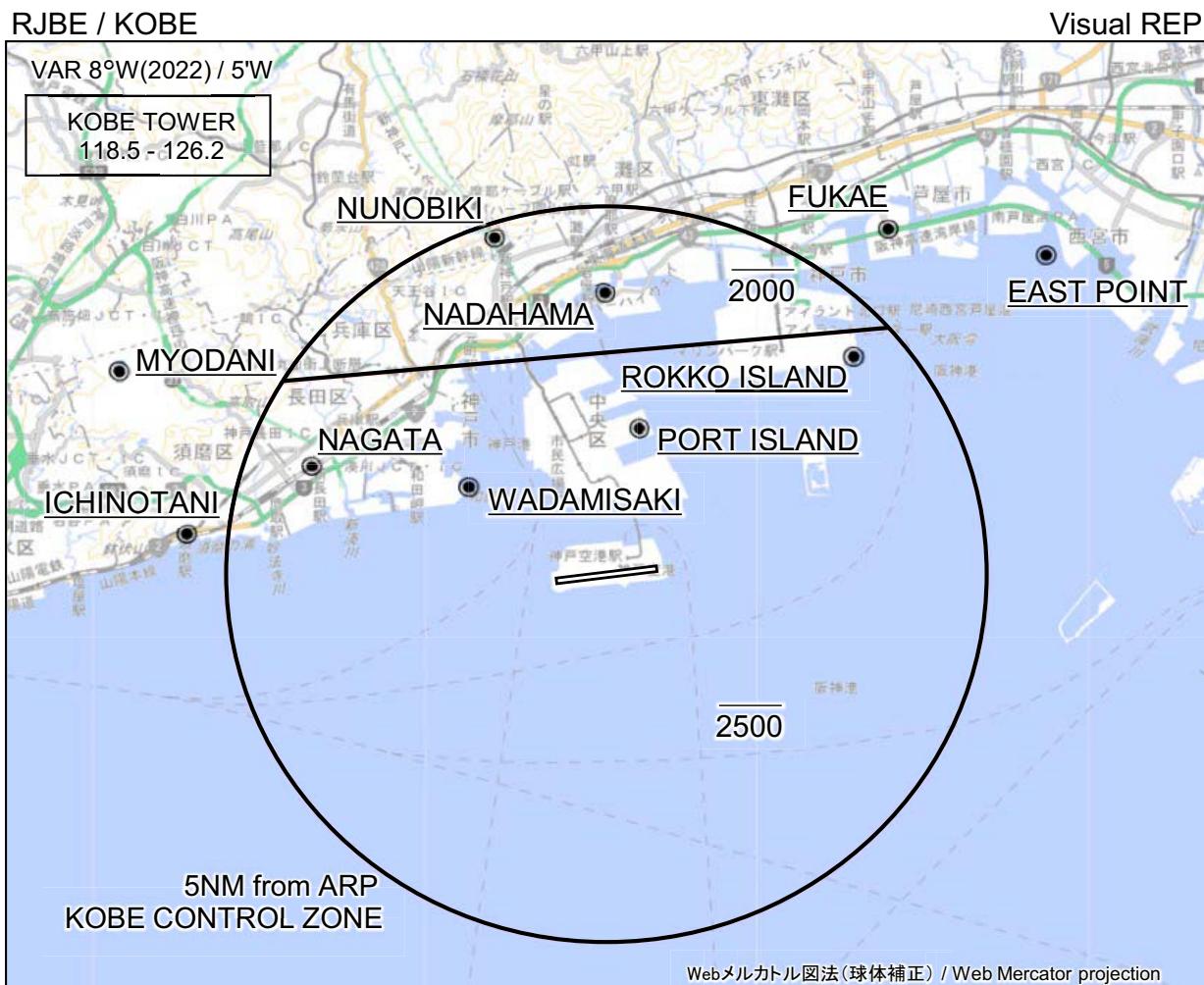
CHANGE : PROC renamed. PEGDO established. MARIN abolished. PROC ALT at PEGDO(FAF), SDF. ALT(3.0° APCH Path). OCA(H). Missed APCH climb gradient MNM. THR elev. MINIMA for DA(H).



INSTRUMENT APPROACH CHART



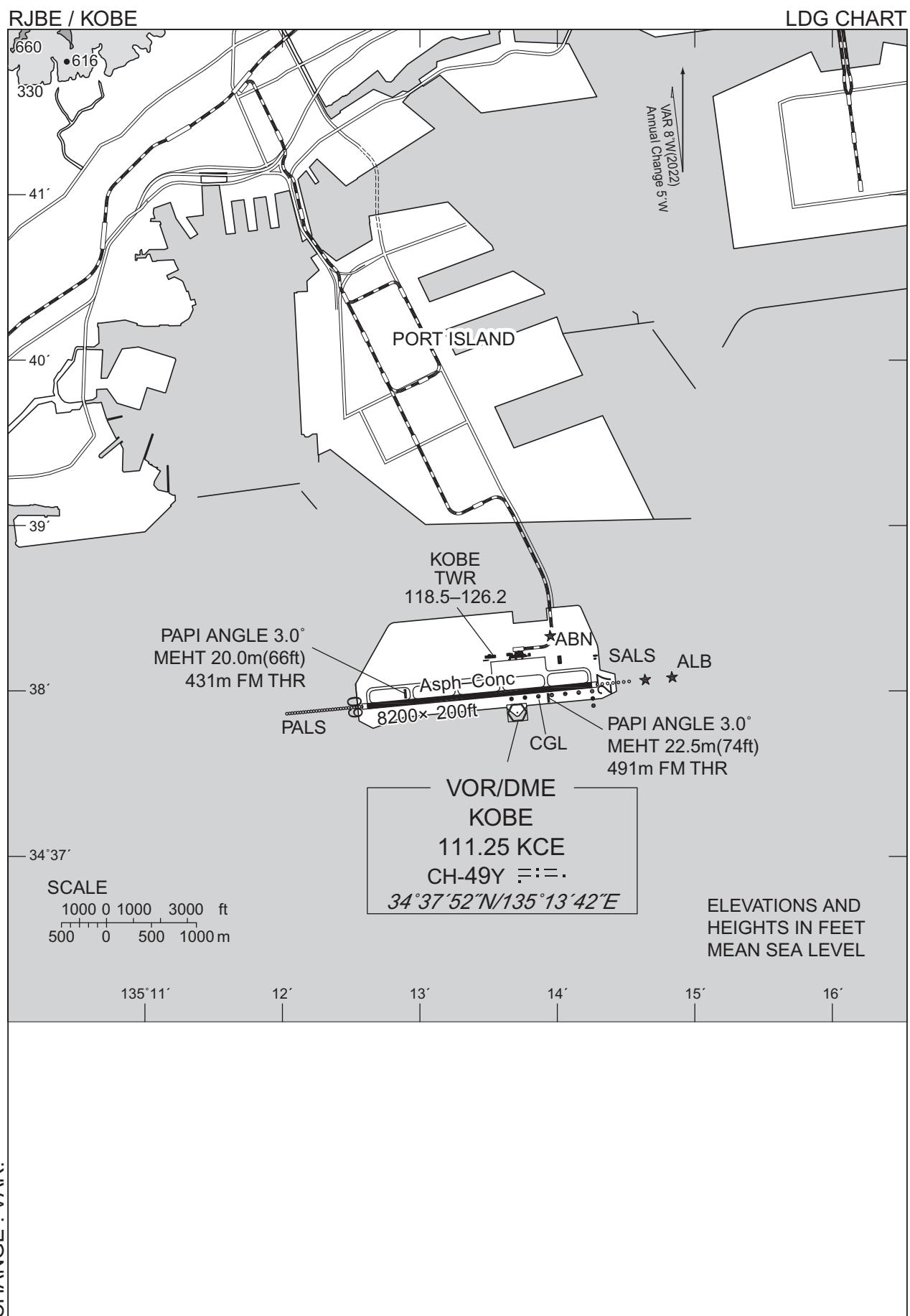
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※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

Call sign	BRG / DIST from ARP	Remarks
一ノ谷 Ichinotani	276°T / 5.5NM	JR須磨駅 JR Station
名谷 Myodani	294°T / 7.0NM	神戸市営西神・山手線名谷駅 Station
長田 Nagata	291°T / 4.2NM	JR新長田駅 JR Station
和田岬 Wadamisaki	304°T / 2.2NM	岬 Cape
布引 Nunobiki	342°T / 4.8NM	布引公園 Park
灘浜 Nadahama	359°T / 3.8NM	ハーバーハイウェイ摩耶ランプ Ramp
ポートアイランド Port Island	012°T / 2.0NM	ポートアイランド南埠頭 Southern Warf of Port Island
六甲アイランド Rokko Island	047°T / 4.4NM	六甲アイランド南東端 Southern Edge of Rokko Island
深江 Fukae	038°T / 6.0NM	阪神高速5号湾岸線 深江浜インターチェンジ Interchange
イーストポイント East Point	053°T / 7.2NM	西宮ヨットハーバー防波堤 Breakwater of Nishinomiya Yacht Harbor

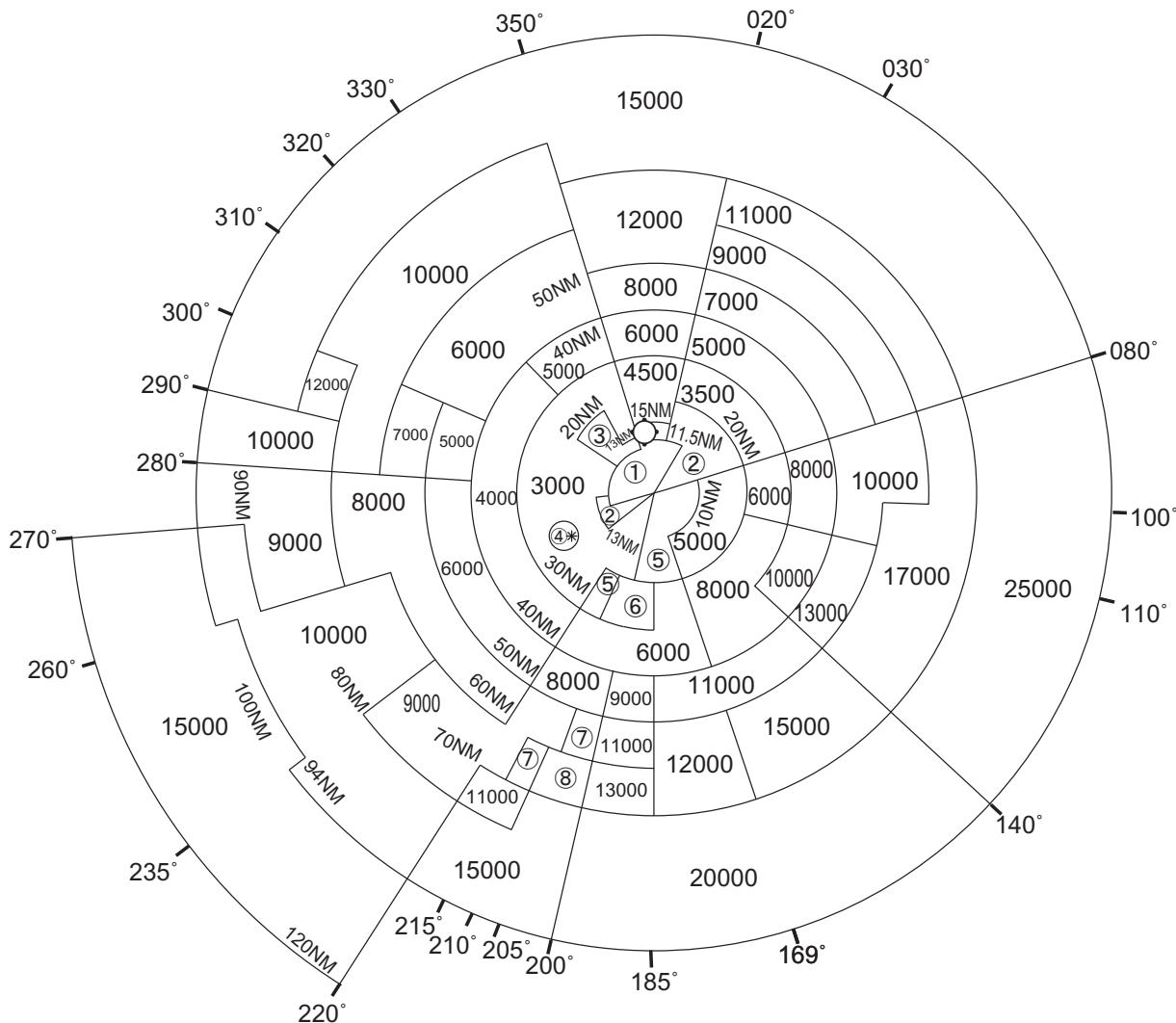
CHANGE : VAR.



RJBE / KOBE

Minimum Vectoring Altitude CHART

VAR 8°W (2023)



- ① 1500
② 2000
③ 2100
④ 3500
⑤ 4000
⑥ 5000
⑦ 10000
⑧ 12000

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

* : 341405N/1344851E RADIUS : 3NM

CHANGE : Update.