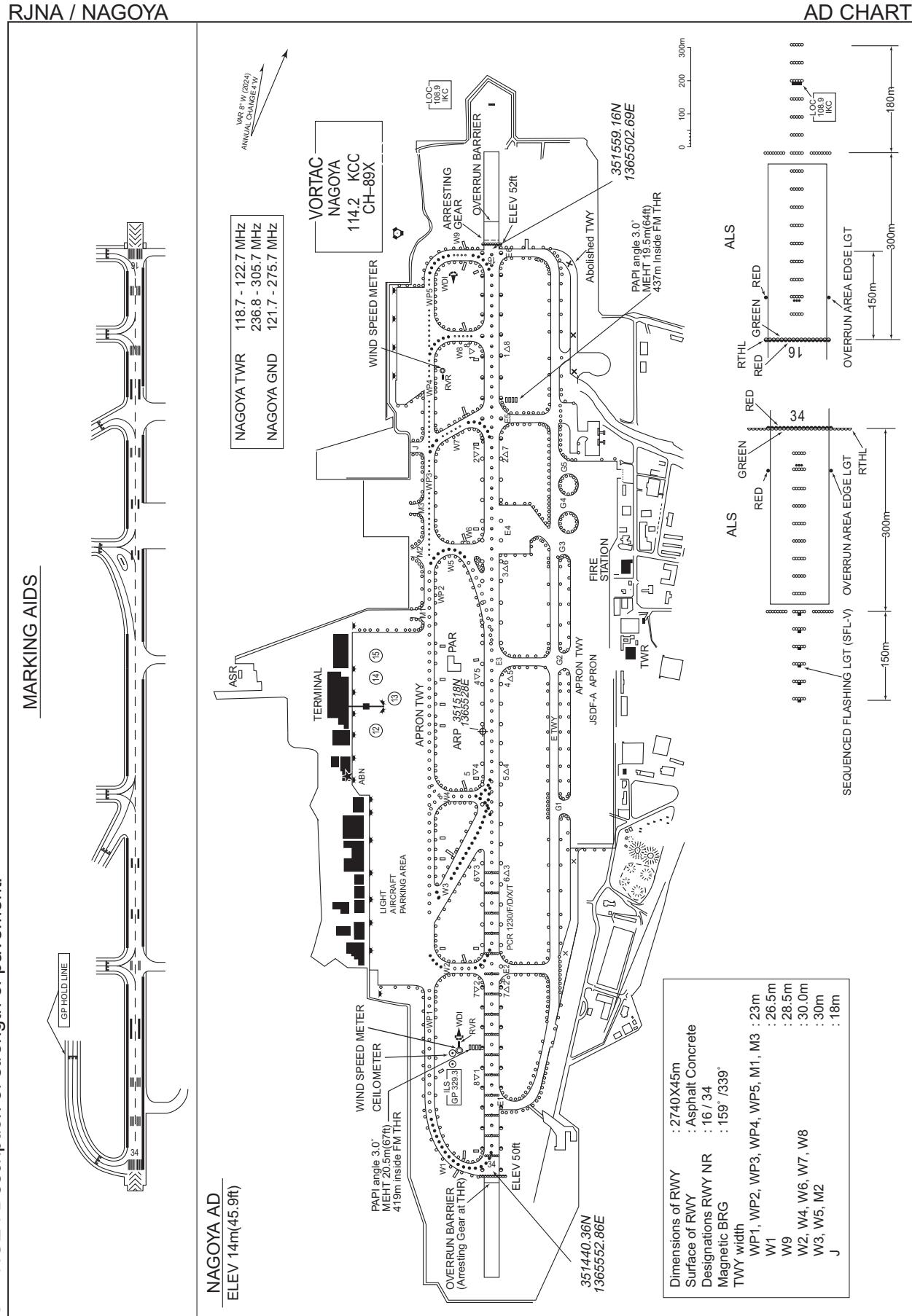


CHANGE : Description of strength of pavement.

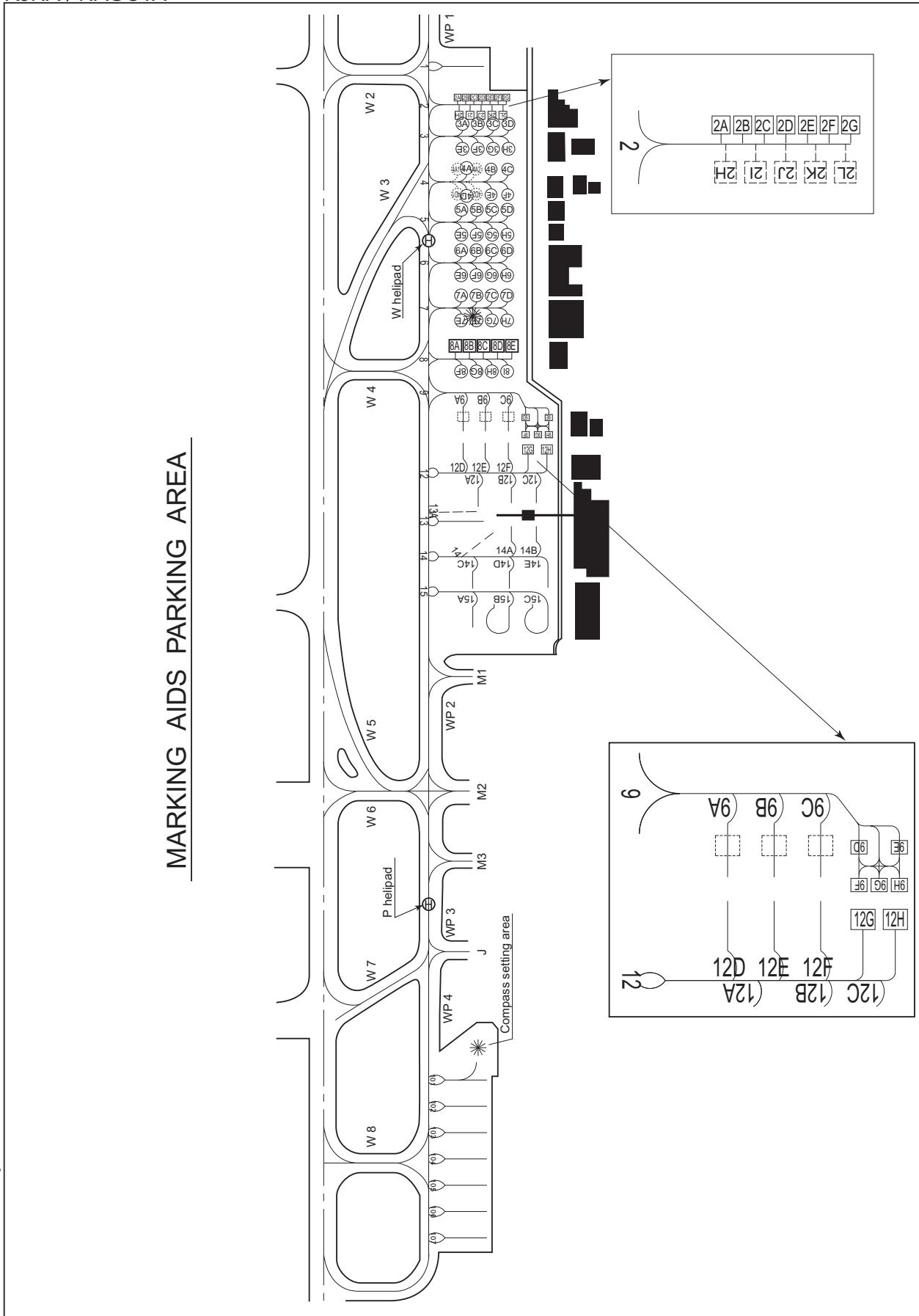


CHANGE: Spot 101-107 added.

RJNA / NAGOYA

AIRCRAFT PARKING CHART

MARKING AIDS PARKING AREA



STANDARD DEPARTURE CHART -INSTRUMENT

RJNA / NAGOYA

SID and TRANSITION

IBUKI FOUR DEPARTURE

RWY16 : Climb RWY HDG to KCC 3.5DME, turn right HDG004° ...

RWY34 : Climb RWY HDG to 700FT, turn left within 4NM from RWY end/KCC 4.0DME,...

...to intercept and proceed via KCC R319 to IBUKI.

Cross IBUKI at or above 11000FT.

Note RWY16 : 5.0% climb gradient required up to 700FT.

OBST ALT 551FT located at 1.9NM 215° FM end of RWY16.

RWY34 : 5.0% climb gradient required up to 700FT.

ADGUN TRANSITION

From over IBUKI, via KCC 29.5DME counterclockwise ARC to intercept and proceed via KCC R262 to ADGUN.

Note : This TRANSITION is for TACAN equipped aircraft only.

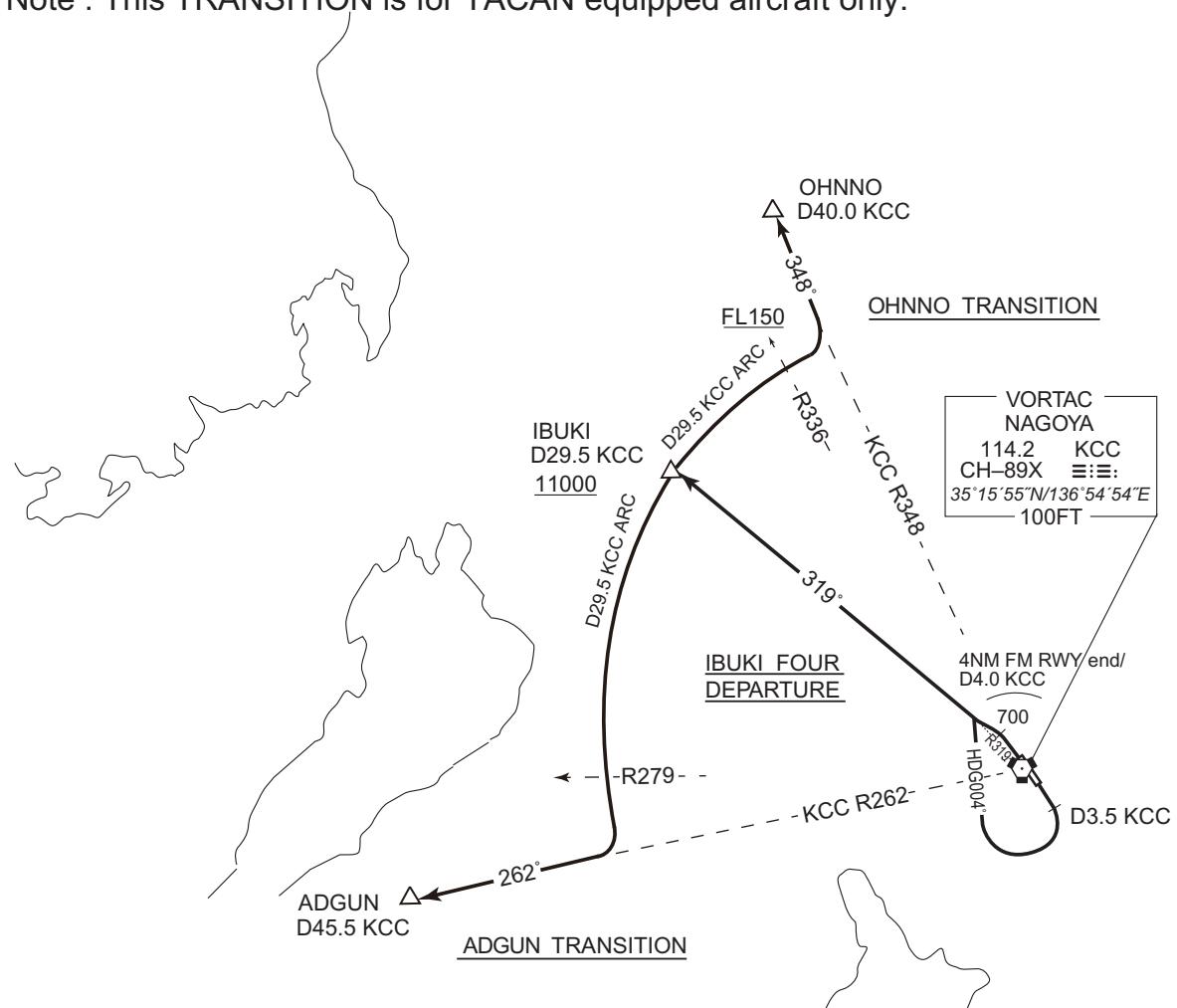
OHNNO TRANSITION

From over IBUKI, via KCC 29.5DME clockwise ARC to intercept and proceed via KCC R348 to OHNNO.

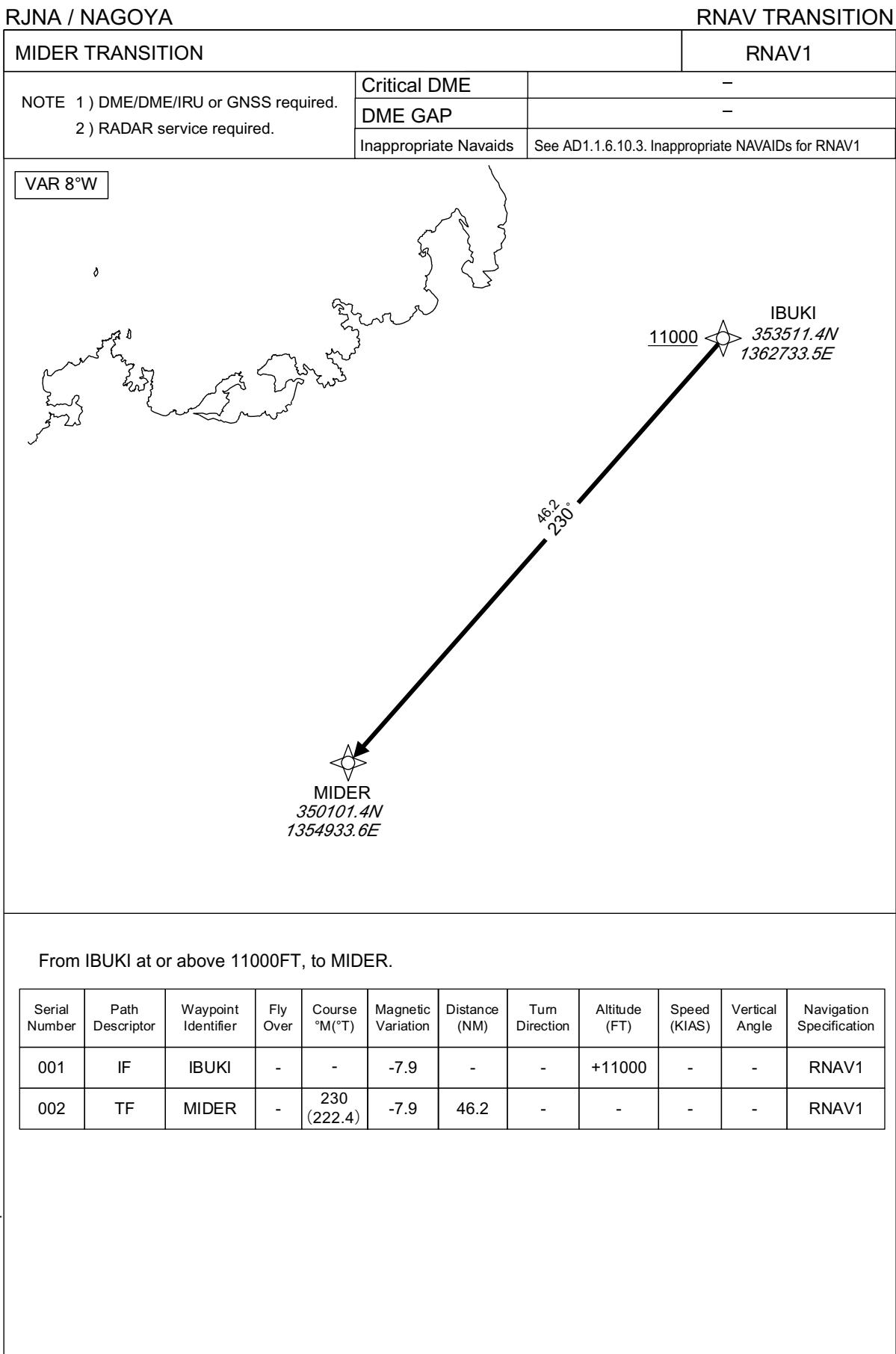
Cross KCC R336 at or above FL150.

Note : This TRANSITION is for TACAN equipped aircraft only.

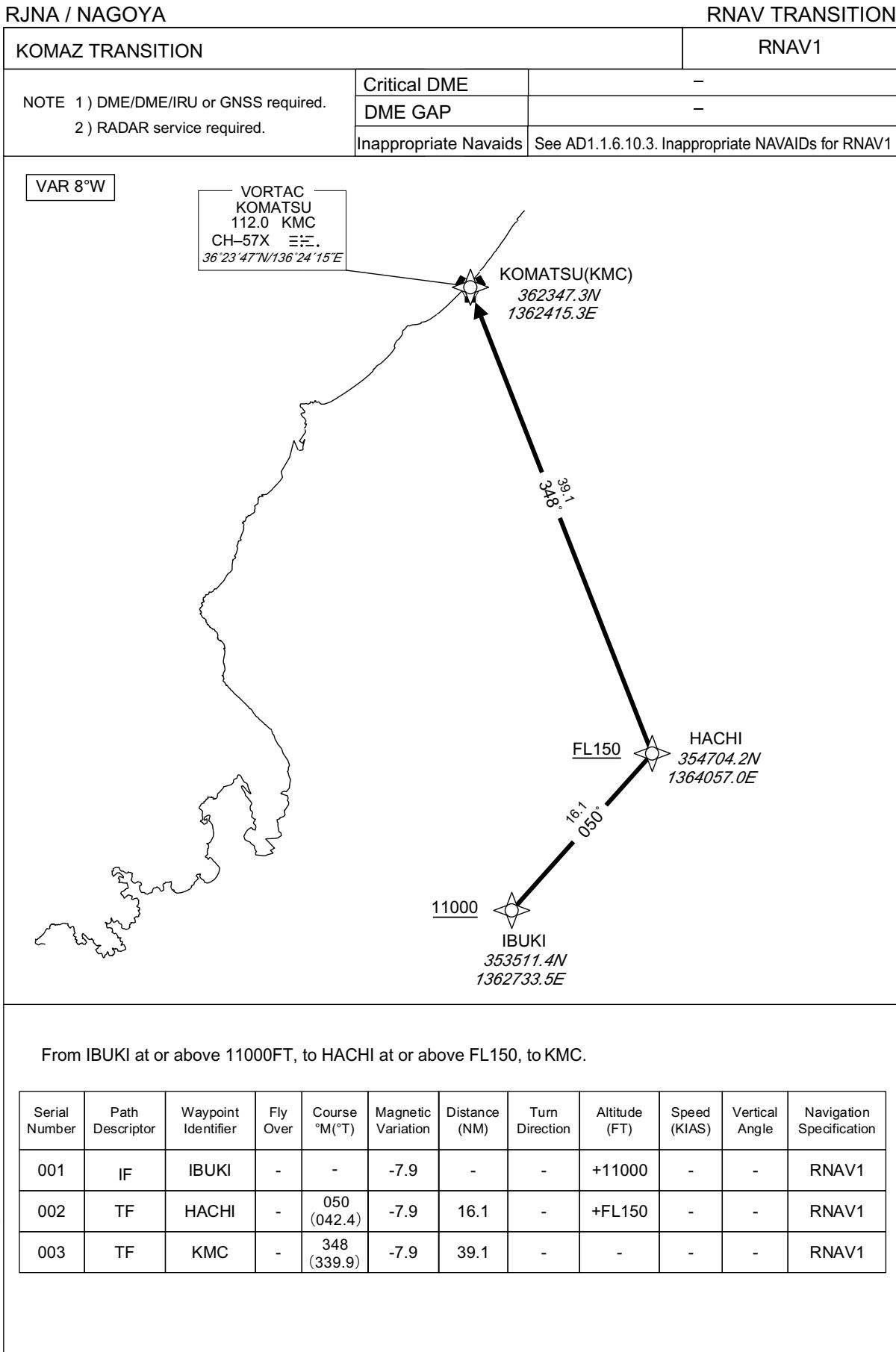
CHANGE : ADGUN TRANSITION, OHNNO TRANSITION established. OTSU TRANSITION, KOMATSU TRANSITION abolished.



## STANDARD DEPARTURE CHART -INSTRUMENT



STANDARD DEPARTURE CHART -INSTRUMENT



## STANDARD DEPARTURE CHART -INSTRUMENT

RJNA / NAGOYA

SID

**HOUBA FOUR DEPARTURE**

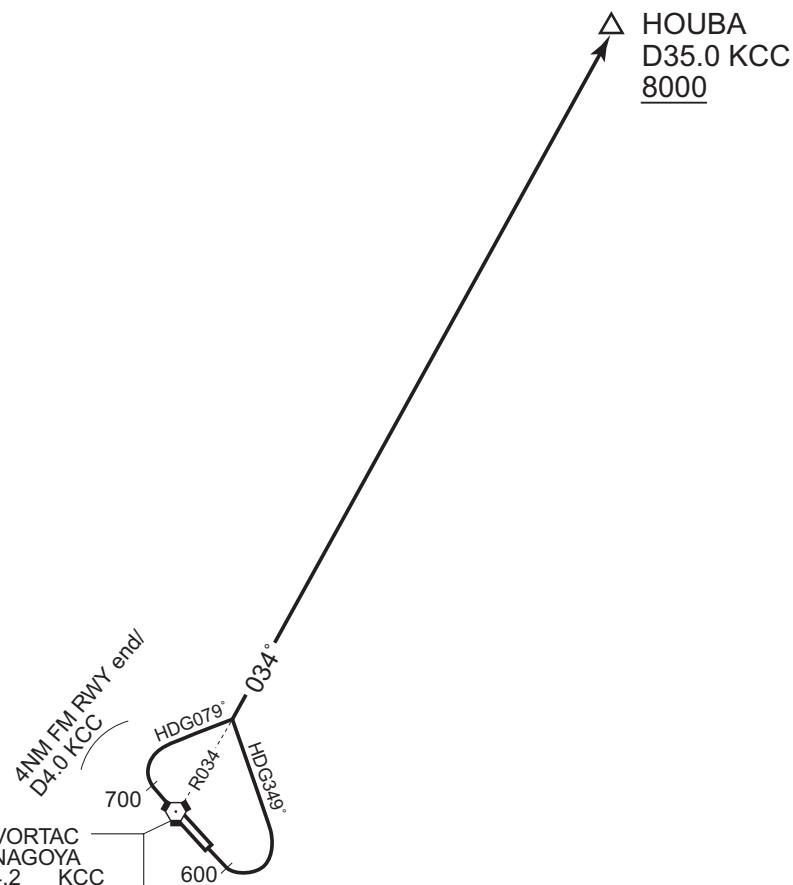
RWY16 : Climb RWY HDG to 600FT, turn left HDG349° ...

RWY34 : Climb RWY HDG to 700FT, turn right within 4NM from RWY end/  
KCC 4.0DME, via HDG079° ...  
...to intercept and proceed via KCC R034 to HOUBA.  
Cross HOUBA at or above 8000FT.

Note RWY16 : 5.0% climb gradient required up to 600FT.

RWY34 : 5.0% climb gradient required up to 700FT.

CHANGE : Description of PROC name.



STANDARD DEPARTURE CHART -INSTRUMENT

RJNA / NAGOYA

TRANSITION

KROBE TRANSITION

From over HOUBA, via KCC R034 to KROBE via STRAW.  
Cross STRAW at or above FL200.

NIIGATA TRANSITION

From over HOUBA, via KCC R034 to KROBE via STRAW,  
via GTC R228(MRA FL220 for using TACAN only) to GTC VORTAC.  
Cross STRAW at or above FL200.

VORTAC  
NIIGATA  
115.5 GTC  
CH-102X   
37°57'30"N/139°06'54"E  
0FT

NIIGATA TRANSITION

For NIIGATA TRANSITION  
GTC MRA FL220 (for using TACAN only)

KROBE   
D86.2 KCC  
D108.2 GTC  
048°  
034°  
STRAW  
D56.9 KCC  
FL200

HOUBA   
D35.0 KCC  
8000

VORTAC  
NAGOYA  
114.2 KCC  
CH-89X   
35°15'55"N/136°54'54"E  
100FT

CHANGE : MRA for using GTC TACAN added.

## STANDARD DEPARTURE CHART -INSTRUMENT

RJNA / NAGOYA

SID

MORIZ FIVE DEPARTURE

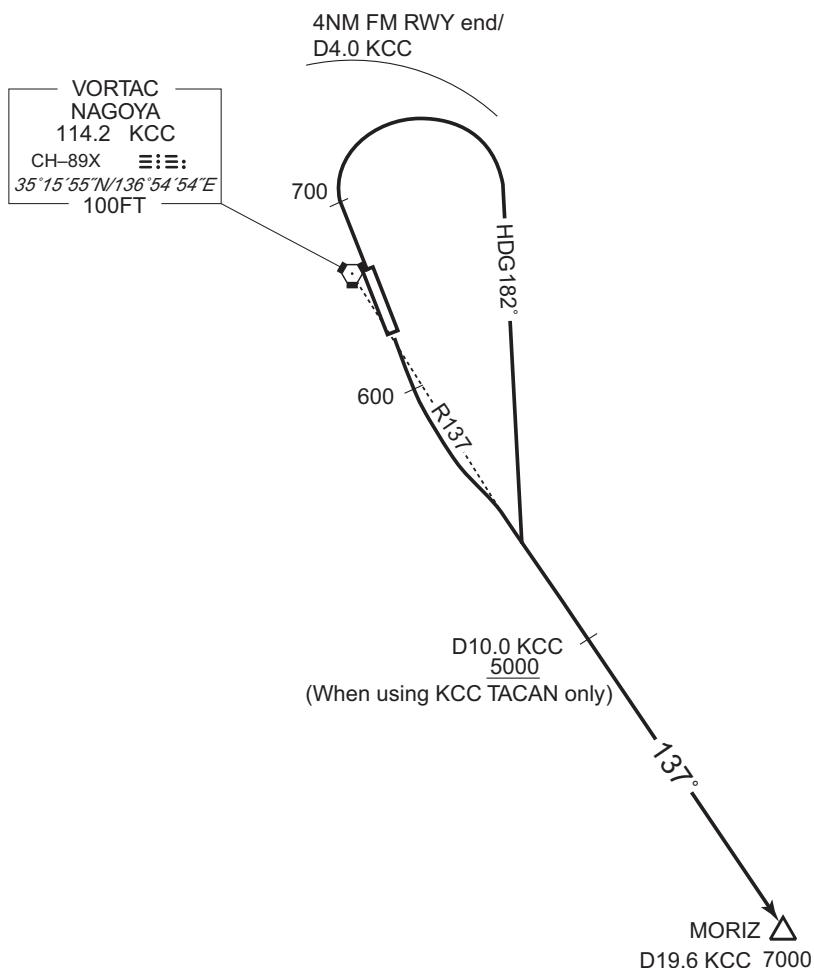
RWY16 : Climb RWY HDG to 600FT, turn left,...

RWY34 : Climb RWY HDG to 700FT, turn right within 4NM from RWY end/KCC 4.0DME, via HDG182° to intercept and proceed...  
 ...via KCC R137 to MORIZ.  
 (Cross KCC R137/10.0DME at or above 5000FT when using KCC TACAN only.)

Cross MORIZ at or above 7000FT.

Note RWY16 : 5.0% climb gradient required up to 600FT.

RWY34 : 5.0% climb gradient required up to 700FT.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART -INSTRUMENT

RJNA / NAGOYA

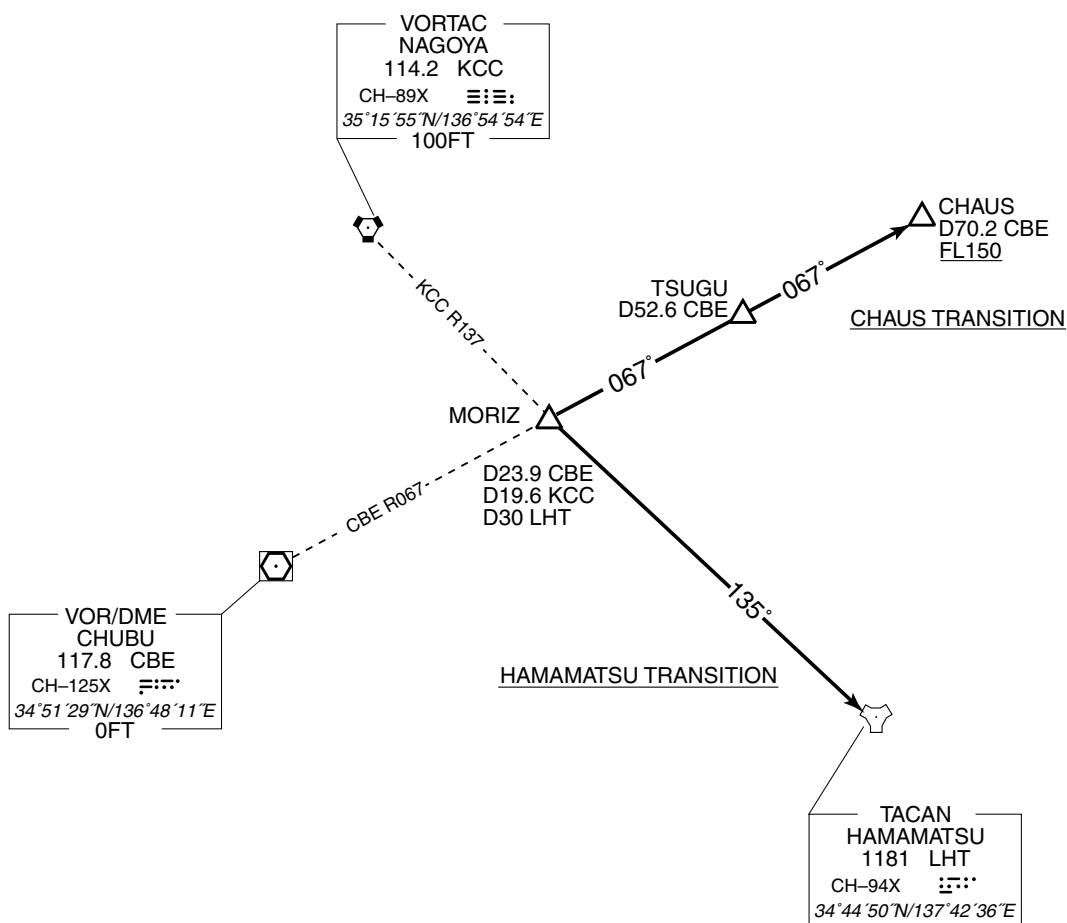
TRANSITION

HAMAMATSU TRANSITION

From over MORIZ, via LHT R315 to LHT TACAN.

CHAUS TRANSITION

From over MORIZ, via CBE R067 to CHAUS via TSUGU.  
Cross CHAUS at or above FL150.



## STANDARD DEPARTURE CHART -INSTRUMENT

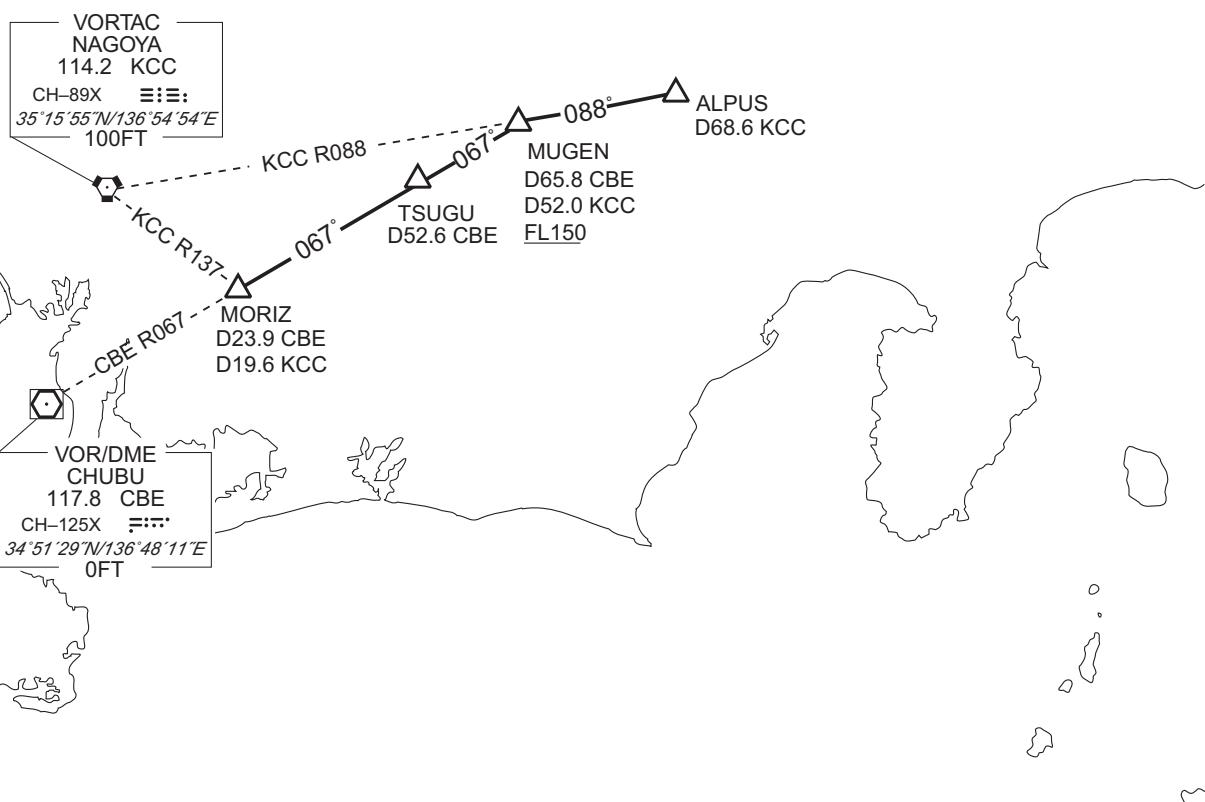
RJNA / NAGOYA

TRANSITION

ALPUS TRANSITION

From over MORIZ, via CBE R067 to MUGEN via TSUGU, via KCC R088 to ALPUS.

Cross MUGEN at or above FL150.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART -INSTRUMENT

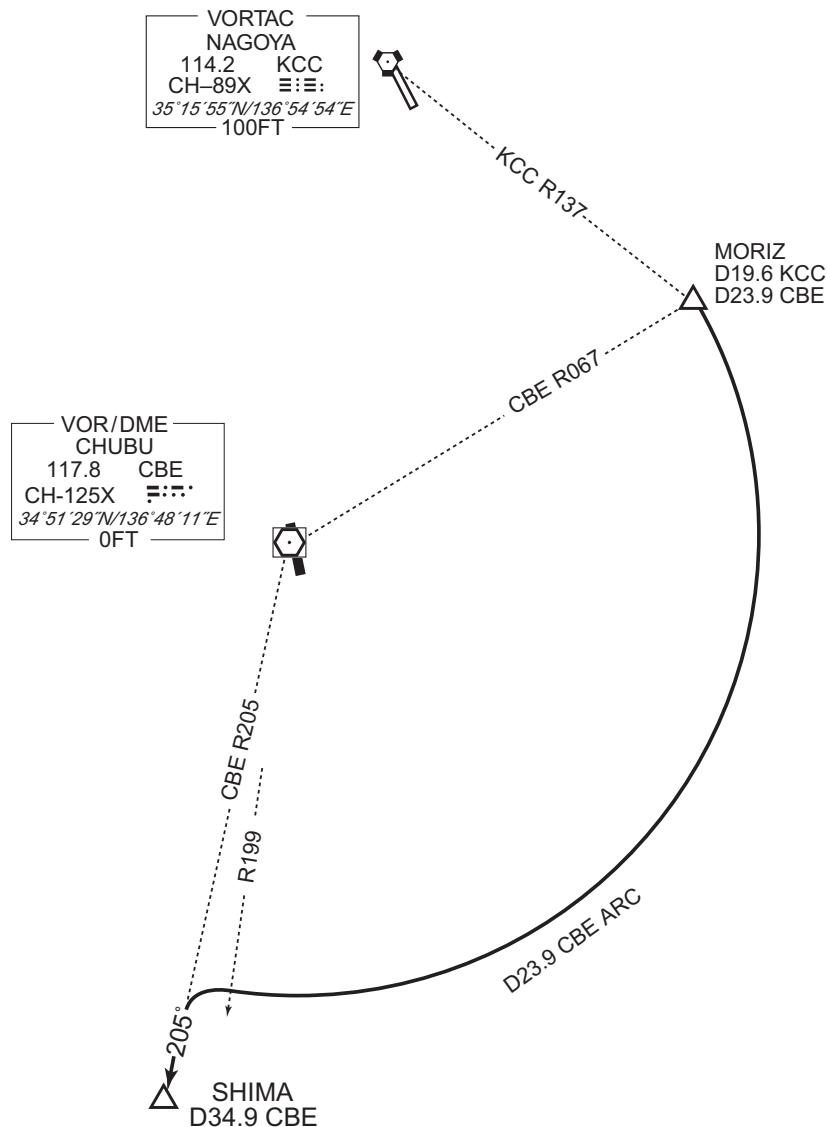
RJNA / NAGOYA

TRANSITION

SHIMA TRANSITION

From over MORIZ, via CBE 23.9DME clockwise ARC to intercept and proceed via CBE R205 to SHIMA.

CHANGE : Description of PROC name.



## STANDARD DEPARTURE CHART -INSTRUMENT

RJNA / NAGOYA

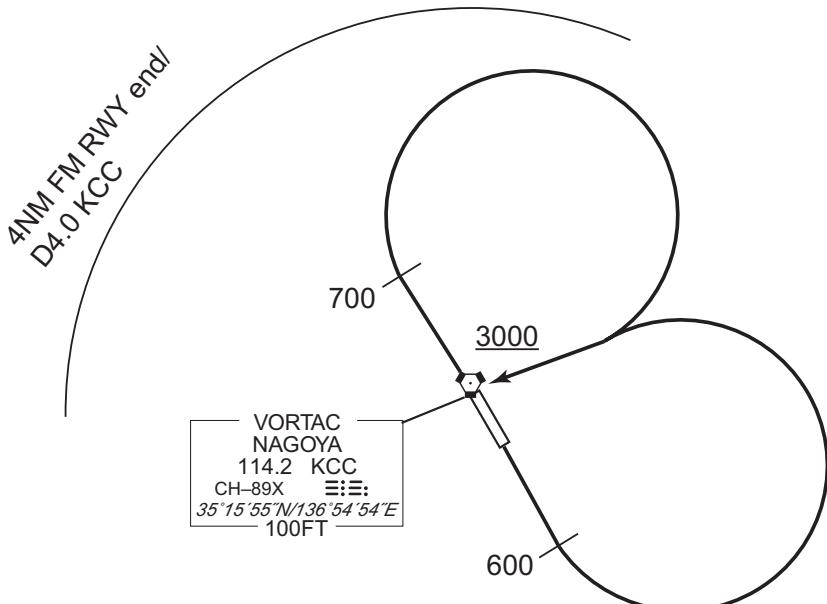
SID

NAGOYA EAST REVERSAL ONE DEPARTURE

RWY16 : Climb RWY HDG to 600FT, turn left, direct to KCC VORTAC.  
 Cross KCC VORTAC at or above 3000FT.

RWY34 : Climb RWY HDG to 700FT, turn right within 4NM from RWY end/KCC 4.0DME,  
 direct to KCC VORTAC.  
 Cross KCC VORTAC at or above 3000FT.

Note    RWY16 : 5.0% climb gradient required up to 600FT.  
 RWY34 : 5.0% climb gradient required up to 700FT.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART -INSTRUMENT

RJNA / NAGOYA

SID

NAGOYA WEST REVERSAL ONE DEPARTURE

RWY16 : Climb RWY HDG to KCC 3.5DME, turn right, direct to KCC VORTAC.  
Cross KCC VORTAC at or above 3000FT.

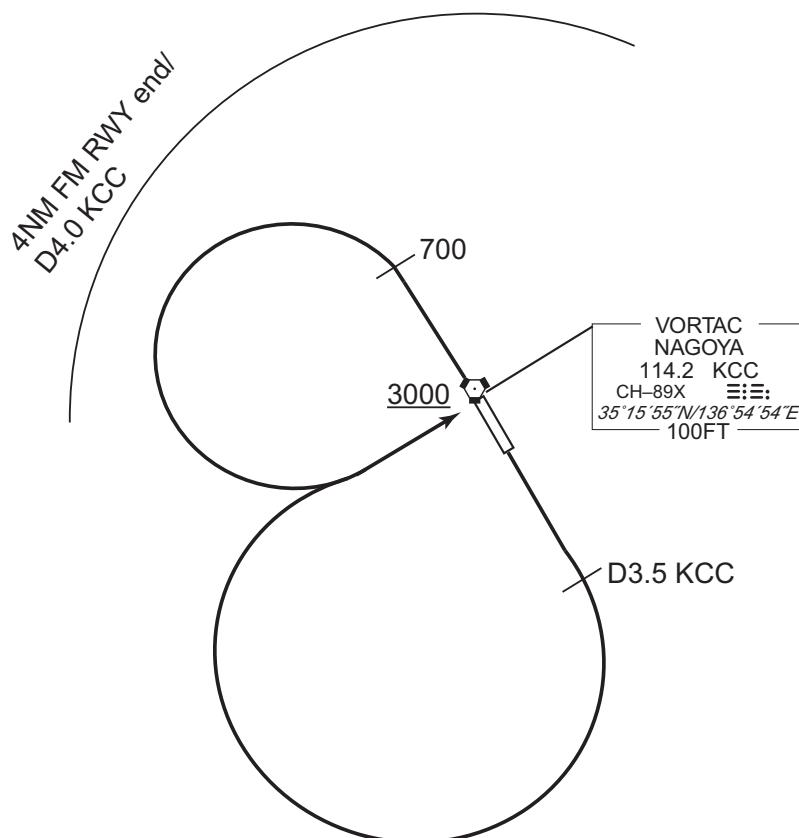
RWY34 : Climb RWY HDG to 700FT, turn left within 4NM from RWY end/KCC 4.0DME,  
direct to KCC VORTAC.  
Cross KCC VORTAC at or above 3000FT.

Note RWY16 : 5.0% climb gradient required up to 700FT.

OBST ALT 551FT located at 1.9NM 215° FM end of RWY16.

RWY34 : 5.0% climb gradient required up to 700FT.

CHANGE : Description of PROC name.



## STANDARD DEPARTURE CHART -INSTRUMENT

RJNA / NAGOYA

SID

TALMI FOUR DEPARTURE

RWY16 : Climb RWY HDG to KCC 3.5DME, turn right HDG004°...

RWY34 : Climb RWY HDG to 700FT, turn left within 4NM from RWY end/KCC 4.0DME,...

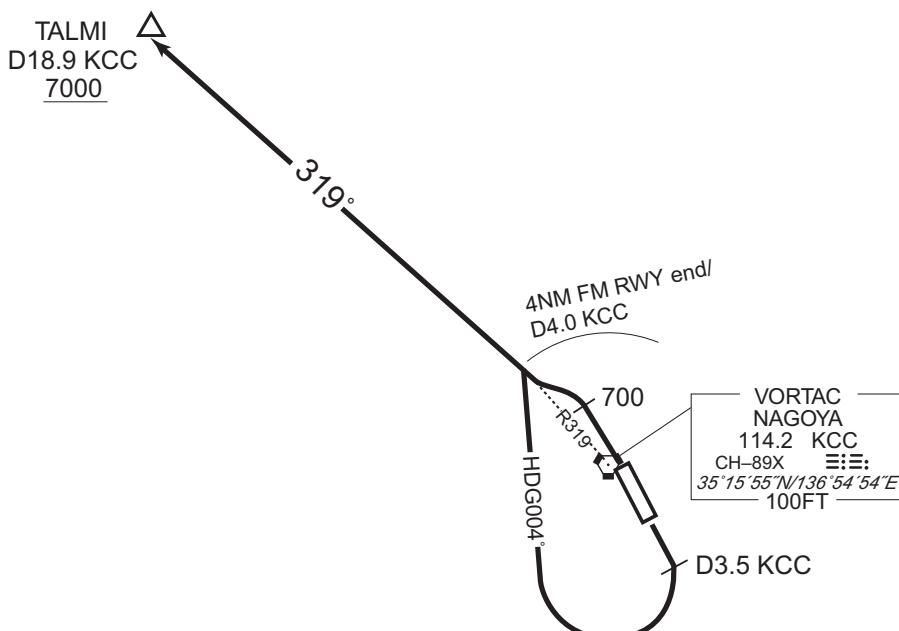
...to intercept and proceed via KCC R319 to TALMI.

Cross TALMI at or above 7000FT.

Note RWY16 : 5.0% climb gradient required up to 700FT.

OBST ALT 551FT located at 1.9NM 215° FM end of RWY16.

RWY34 : 5.0% climb gradient required up to 700FT.



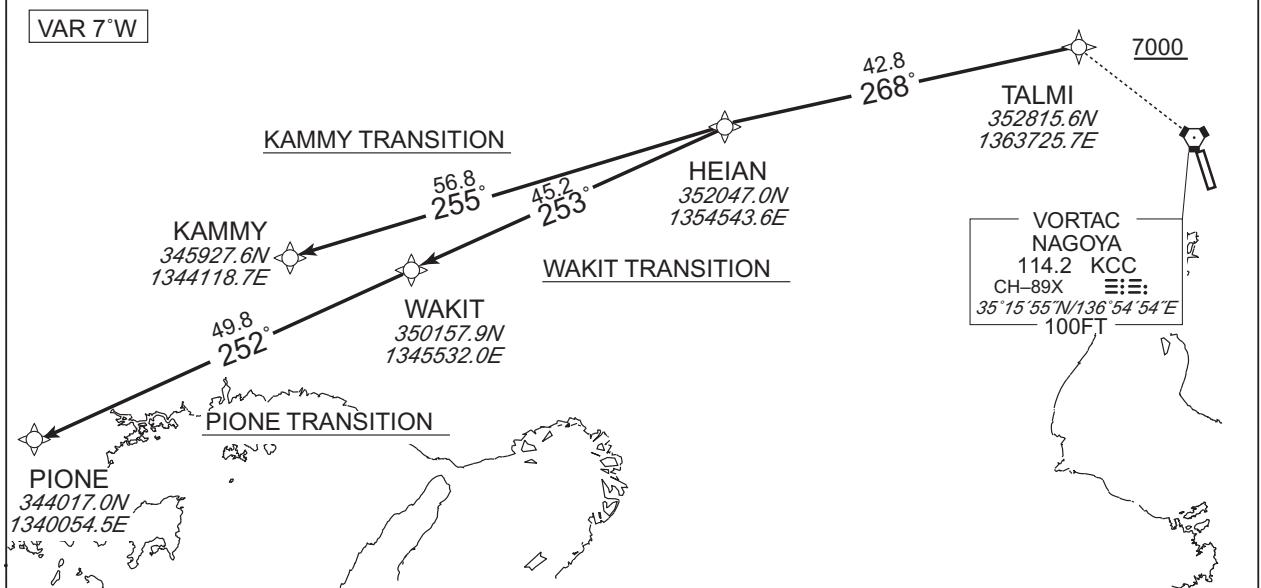
CHANGE : Description of PROC name.

## **STANDARD DEPARTURE CHART -INSTRUMENT**

RJNA / NAGOYA

## RNAV TRANSITION

PIONE TRANSITION / WAKIT TRANSITION / KAMMY TRANSITION		RNAV 1
Note 1 ) DME/DME/IRU or GNSS required.	Critical DME	—
2 ) RADAR service required.	DME GAP	—
	Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1



## PIONE TRANSITION

---

From TALMI at or above 7000FT, to HEIAN, to WAKIT, to PIONE.

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	TALMI	—	—	-7.3	—	—	+7000	—	—	RNAV1
002	TF	HEIAN	—	268 (260.2)	-7.3	42.8	—	—	—	—	RNAV1
003	TF	WAKIT	—	253 (245.6)	-7.3	45.2	—	—	—	—	RNAV1
004	TF	PIONE	—	252 (244.4)	-7.3	49.8	—	—	—	—	RNAV1

WAKIT TRANSITION

---

From TALMI at or above 7000FT, to HEIAN, to WAKIT.

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	TALMI	—	—	-7.3	—	—	+7000	—	—	RNAV1
002	TF	HEIAN	—	268 (260.2)	-7.3	42.8	—	—	—	—	RNAV1
003	TF	WAKIT	—	253 (245.6)	-7.3	45.2	—	—	—	—	RNAV1

KAMMY TRANSITION

---

From TALMI at or above 7000FT, to HEIAN, to KAMMY.

Flight Plan Data for Above Route, 15 MAY 2024, 10 AM UTC												
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	TALMI	—	—	-7.3	—	—	+7000	—	—	RNAV1	
002	TF	HEIAN	—	268 (260.2)	-7.3	42.8	—	—	—	—	RNAV1	
003	TF	KAMMY	—	255 (248.3)	-7.3	56.8	—	—	—	—	RNAV1	

CHANGE : Critical DME deleted.

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STANDARD ARRIVAL CHART -INSTRUMENT

RJNA / NAGOYA

STAR

EXPOH NORTH ARRIVAL

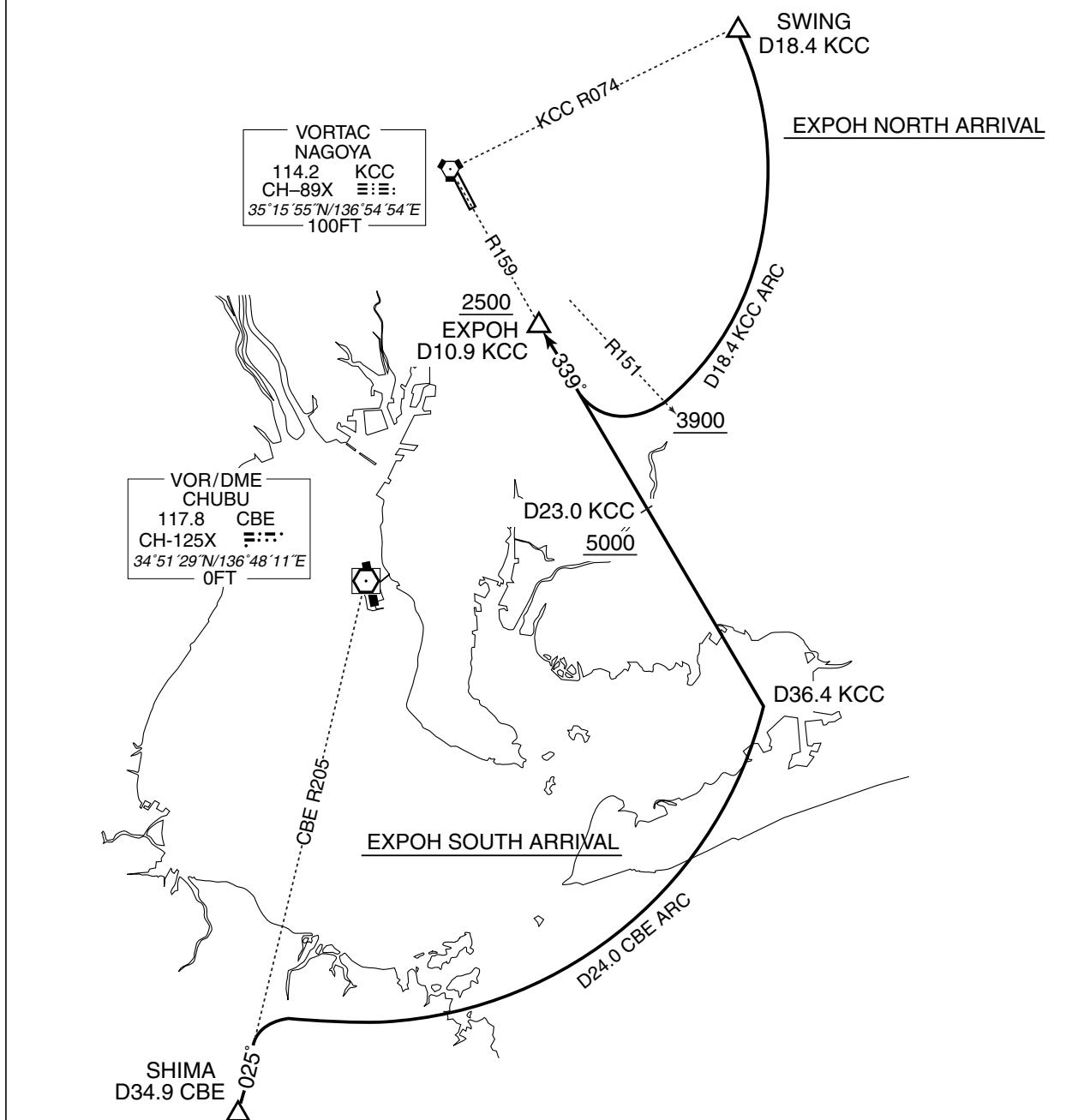
From over SWING, via KCC 18.4DME clockwise ARC to intercept and proceed via KCC R159 to EXPOH.

Cross KCC R151 at or above 3900FT, cross EXPOH at or above 2500FT.

EXPOH SOUTH ARRIVAL

From over SHIMA, via CBE R205, via CBE 24.0DME counterclockwise ARC to intercept and proceed via KCC R159 to EXPOH.

Cross KCC R159/23.0DME at or above 5000FT, cross EXPOH at or above 2500FT.



## STANDARD ARRIVAL CHART -INSTRUMENT

RJNA / NAGOYA

RNAV STAR

ORIBE EAST ARRIVAL  
SHINO ARRIVAL

RNAV1

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

VAR 8°W

SHINO  
352634.7N  
1364000.5E  
5100

ORIBE  
353352.7N  
1365417.1E  
6000

SIMON  
353349.5N  
1371617.4E  
7000

MAMLA  
353347.3N  
1372425.1E  
9000

278° 17.9 6.6 278°

DOZAN  
351804.5N  
1362530.1E  
7000

TACAN  
GIFU  
992 CH-31X GFT  
35°23'30"N/136°51'30"E

GIFU AD

ORIBE EAST ARRIVALSHINO ARRIVAL

ADGUN  
350344.7N  
1360117.0E

VORTAC  
NAGOYA  
114.2 KCC  
CH-89X  
35°15'55"N/136°54'54"E  
100FT

ORIBE EAST ARRIVAL

From MAMLA, at or above 9000FT, to SIMON at or above 7000FT, to ORIBE at or above 6000FT.

Critical DME	GFT : 5.0NM to SIMON - 4.0NM to ORIBE YME : 4.0NM to ORIBE - ORIBE
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	MAMLA	-	-	-7.7	-	-	+9000	-	-	RNAV1
002	TF	SIMON	-	278 (270.4)	-7.7	6.6	-	+7000	-	-	RNAV1
003	TF	ORIBE	-	278 (270.3)	-7.7	17.9	-	+6000	-	-	RNAV1

SHINO ARRIVAL

From ADGUN, to DOZAN at or above 7000FT, to SHINO at or above 5100FT.

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	ADGUN	-	-	-7.7	-	-	-	-	-	RNAV1
002	TF	DOZAN	-	062 (054.0)	-7.7	24.5	-	+7000	-	-	RNAV1
003	TF	SHINO	-	062 (054.2)	-7.7	14.6	-	+5100	-	-	RNAV1

CHANGE : Description of VAR.

## STANDARD ARRIVAL CHART -INSTRUMENT

RJNA / NAGOYA

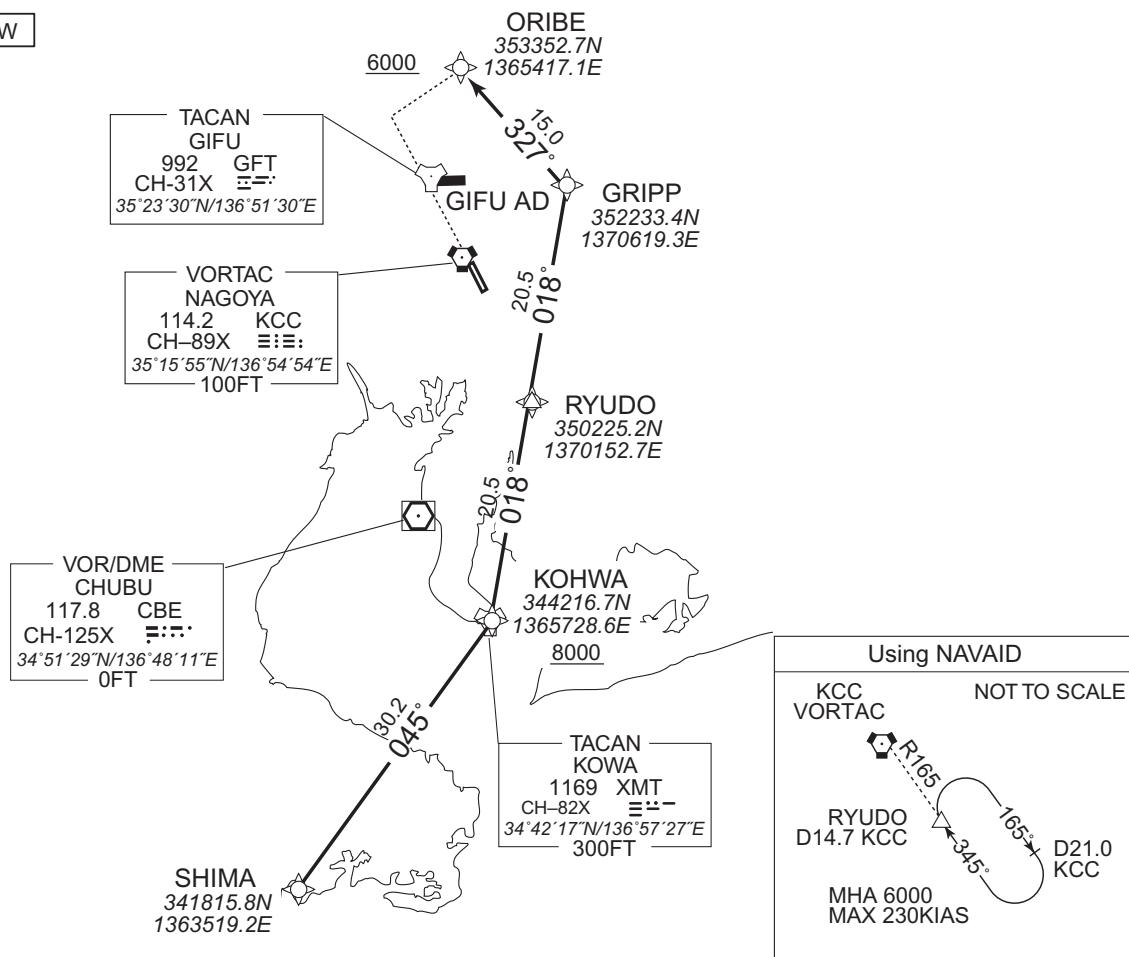
RNAV STAR

## ORIBE SOUTH ARRIVAL

RNAV1

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

VAR 8°W



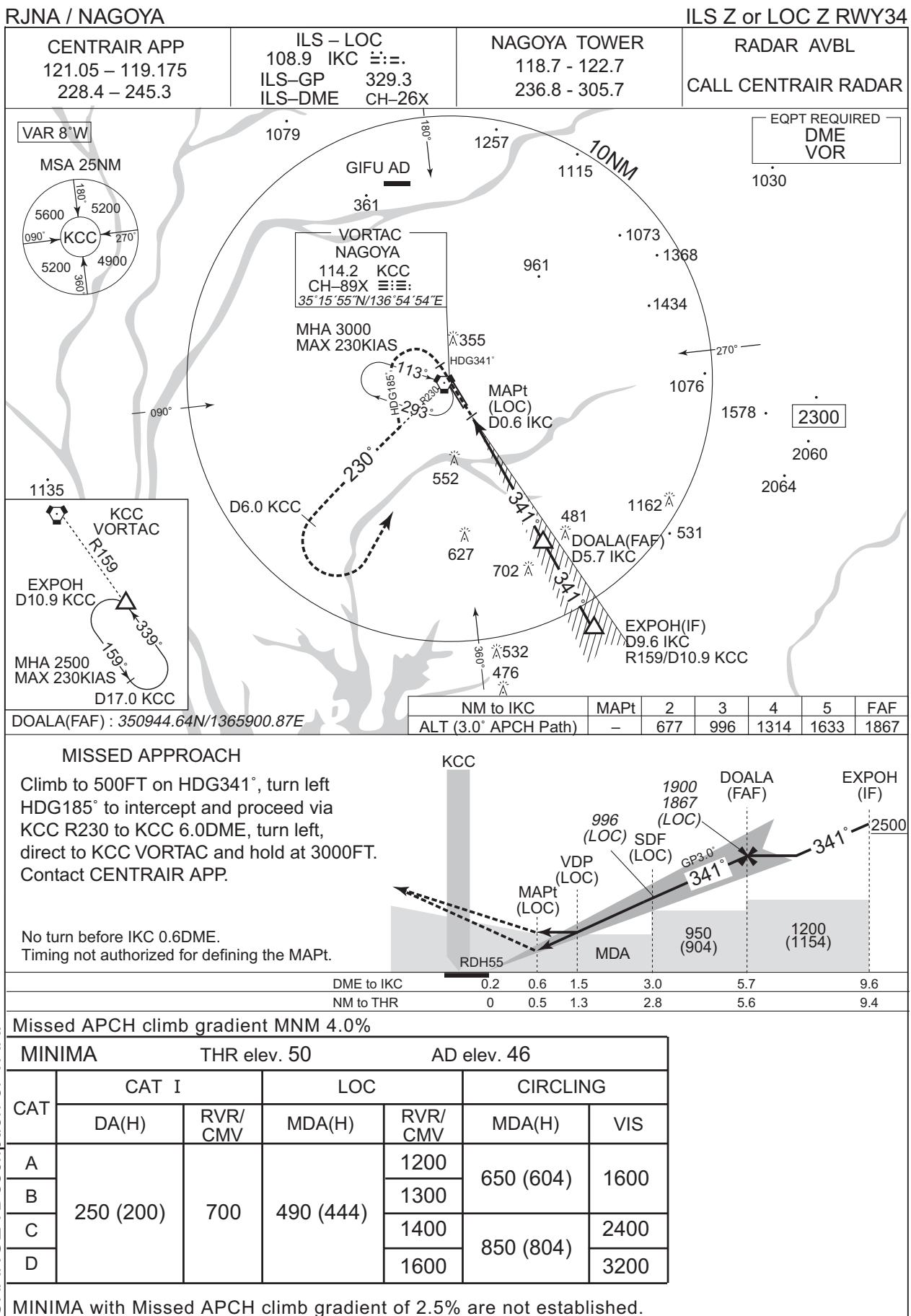
From SHIMA, to KOHWA at or above 8000FT, to RYUDO, to GRIPP, to ORIBE at or above 6000FT.

Critical DME		GFT : 11.0NM to ORIBE - 6.0NM to ORIBE YME : 2.0NM to ORIBE - ORIBE
DME GAP		3.0NM to ORIBE - 2.0NM to ORIBE
Inappropriate Navaids		See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

CHANGE : Description of VAR and PROC name.

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	SHIMA	-	-	-7.9	-	-	-	-	-	RNAV1
002	TF	KOHWA	-	045 (037.1)	-7.9	30.2	-	+8000	-	-	RNAV1
003	TF	RYUDO	-	018 (010.1)	-7.9	20.5	-	-	-	-	RNAV1
004	TF	GRIPP	-	018 (010.2)	-7.9	20.5	-	-	-	-	RNAV1
005	TF	ORIBE	-	327 (319.2)	-7.9	15.0	-	+6000	-	-	RNAV1

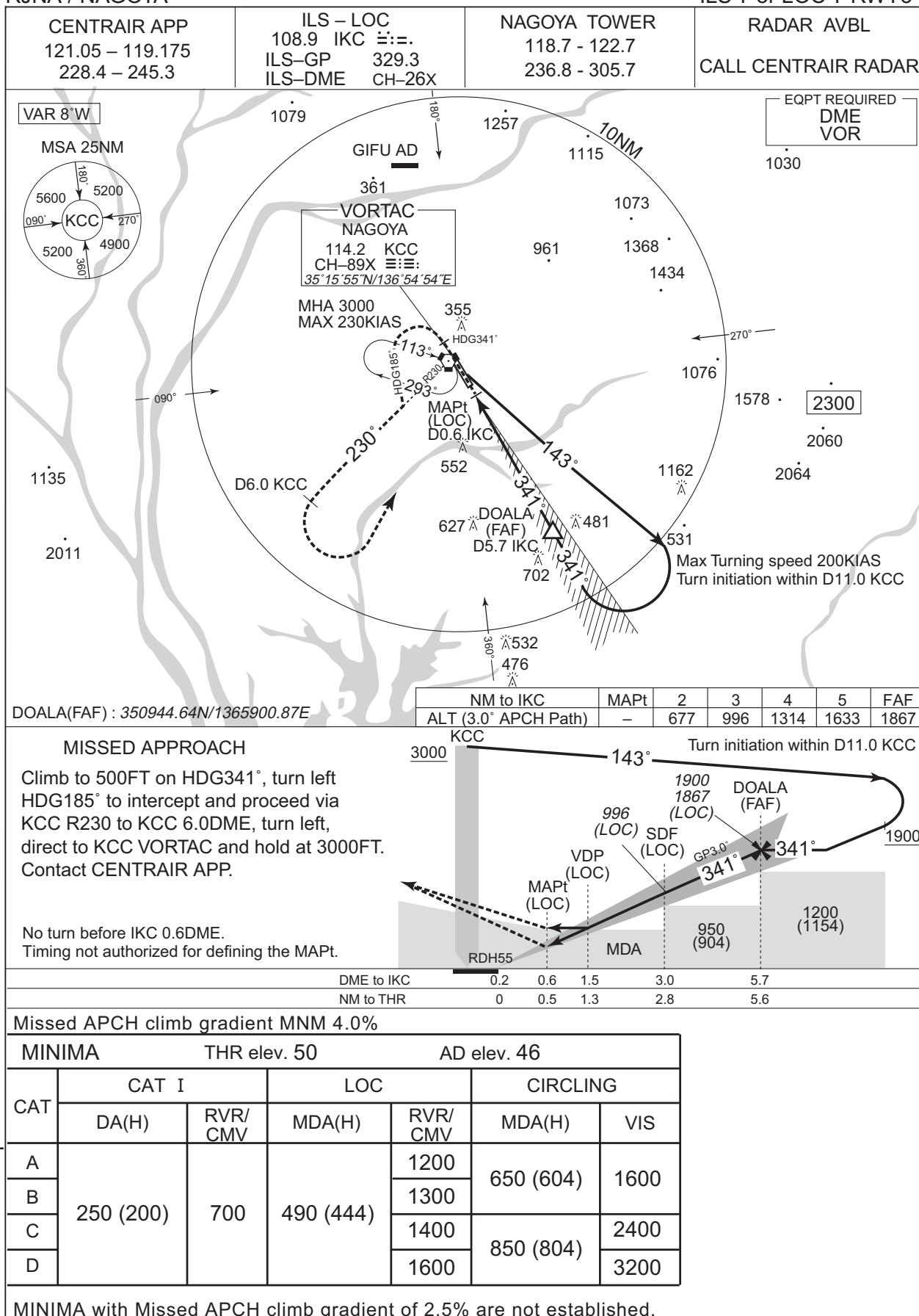
## INSTRUMENT APPROACH CHART



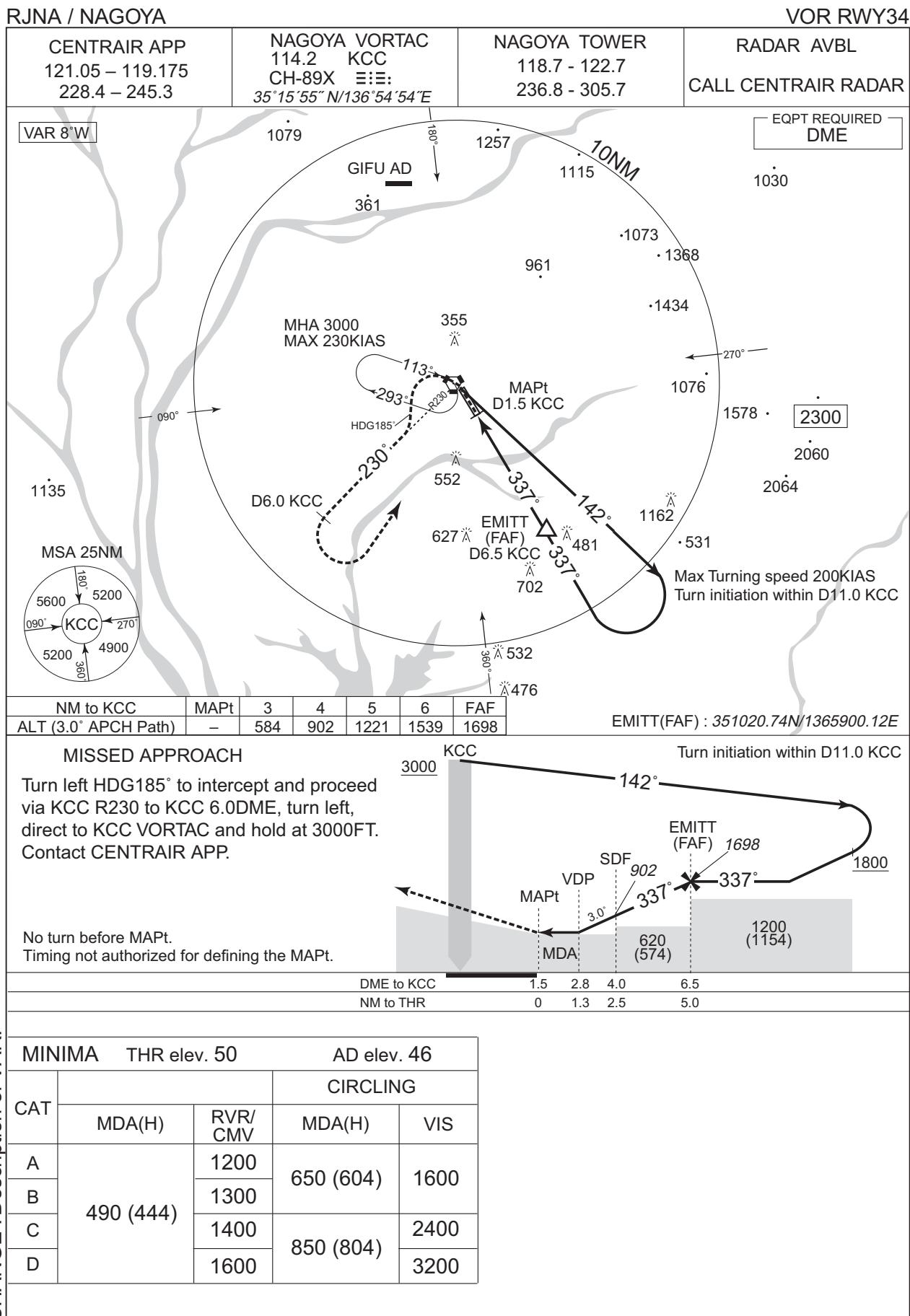
## INSTRUMENT APPROACH CHART

RJNA / NAGOYA

ILS Y or LOC Y RWY34



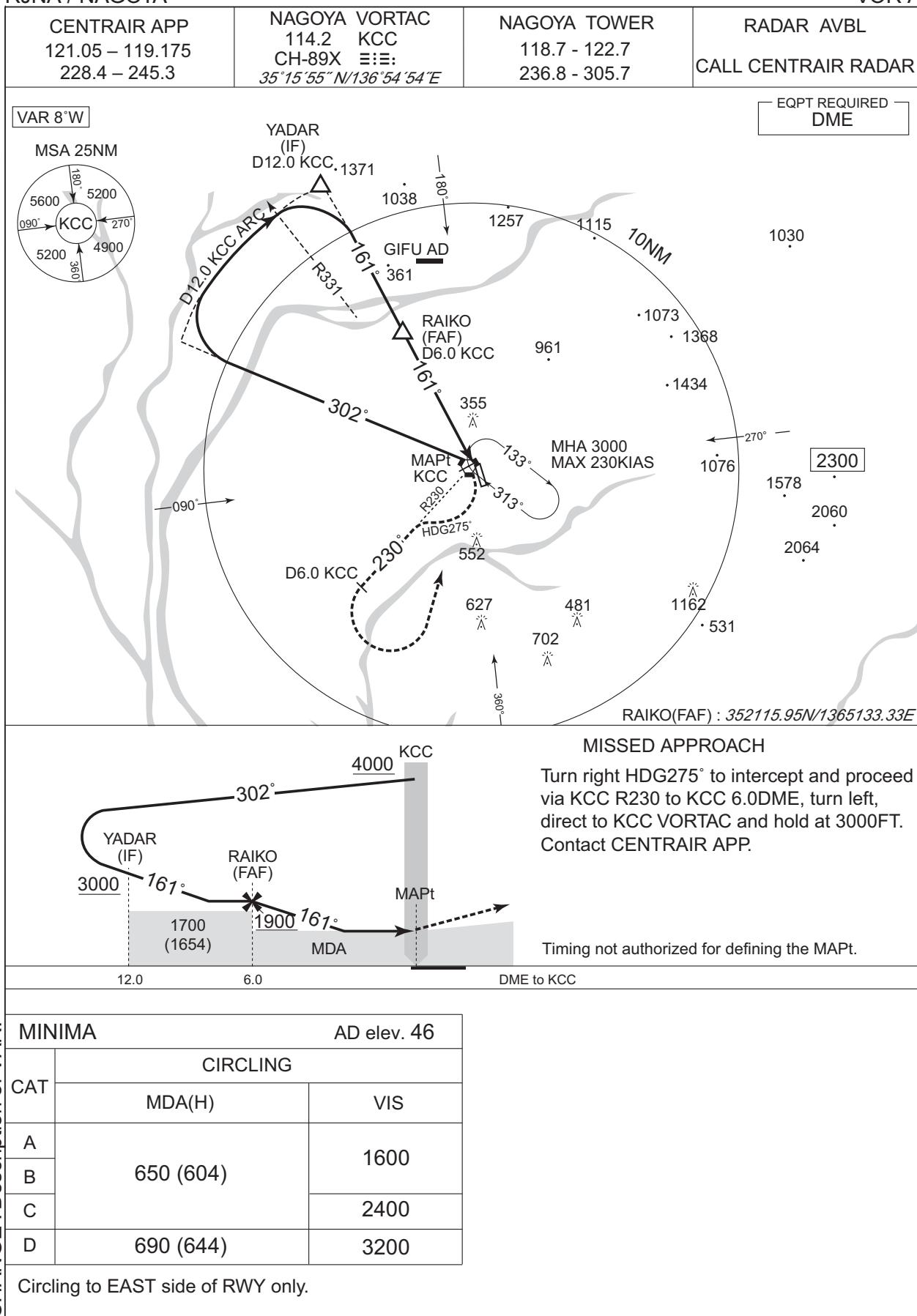
INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJNA / NAGOYA

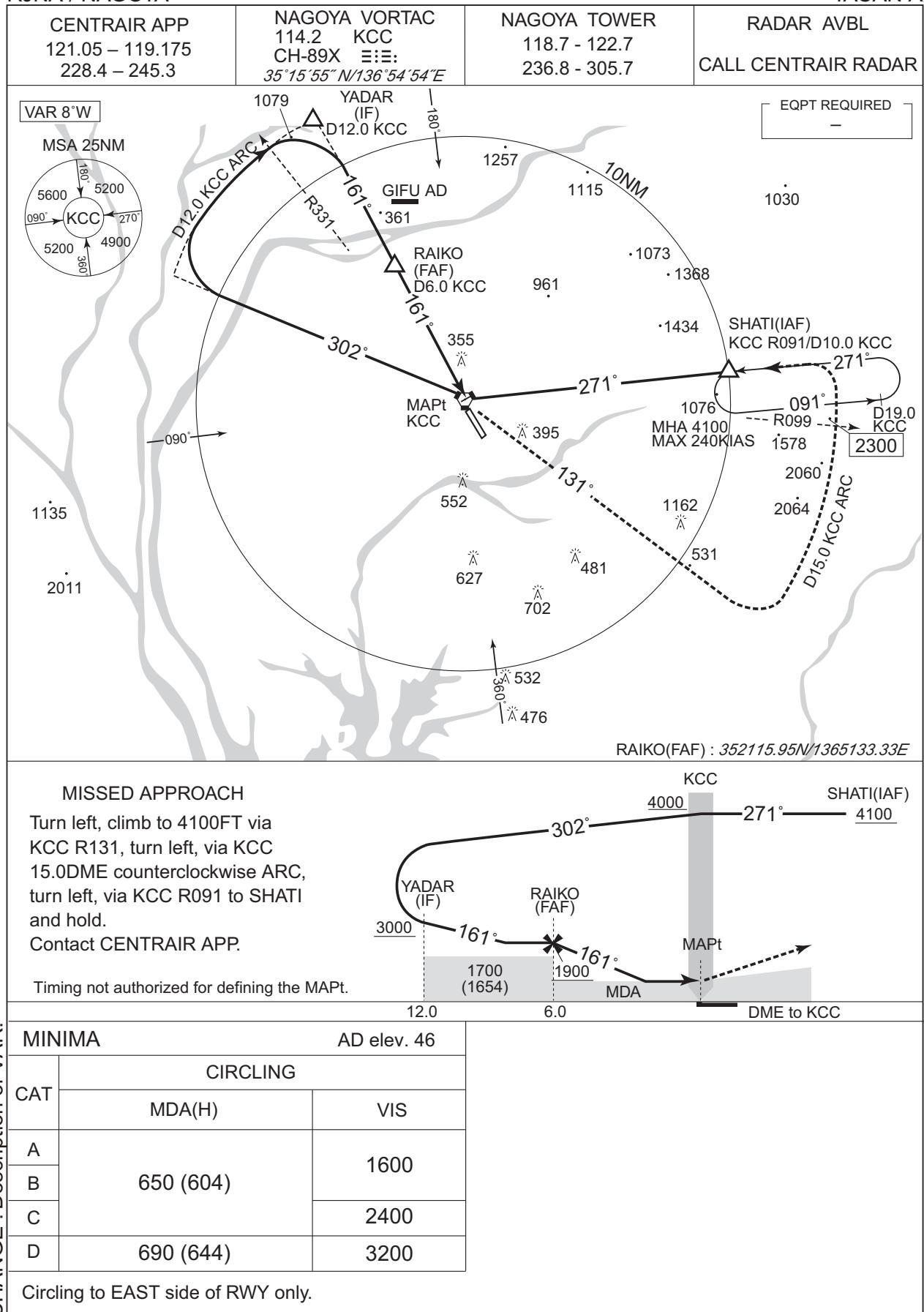
VOR A



INSTRUMENT APPROACH CHART

RJNA / NAGOYA

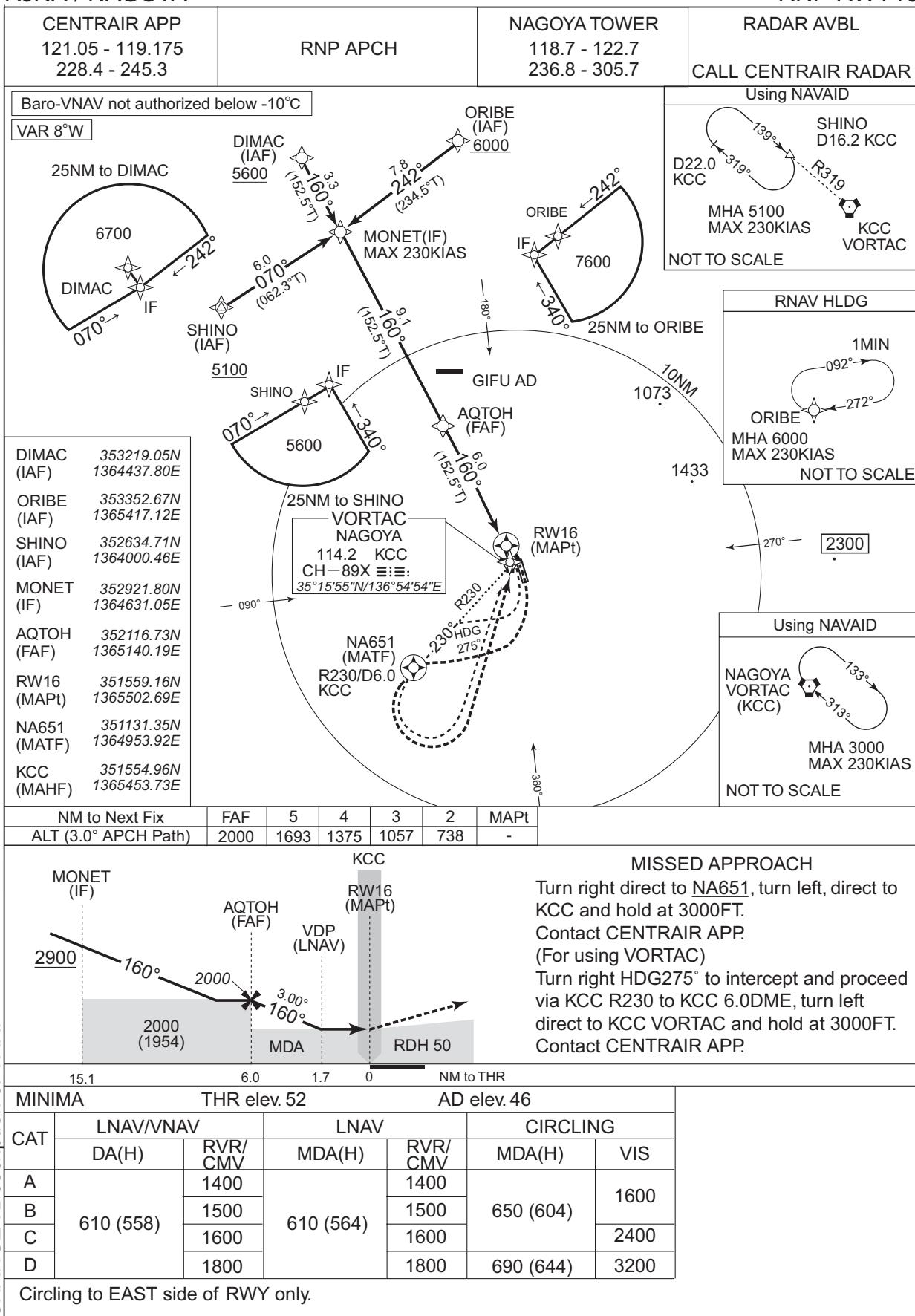
TACAN A



## INSTRUMENT APPROACH CHART

RJNA / NAGOYA

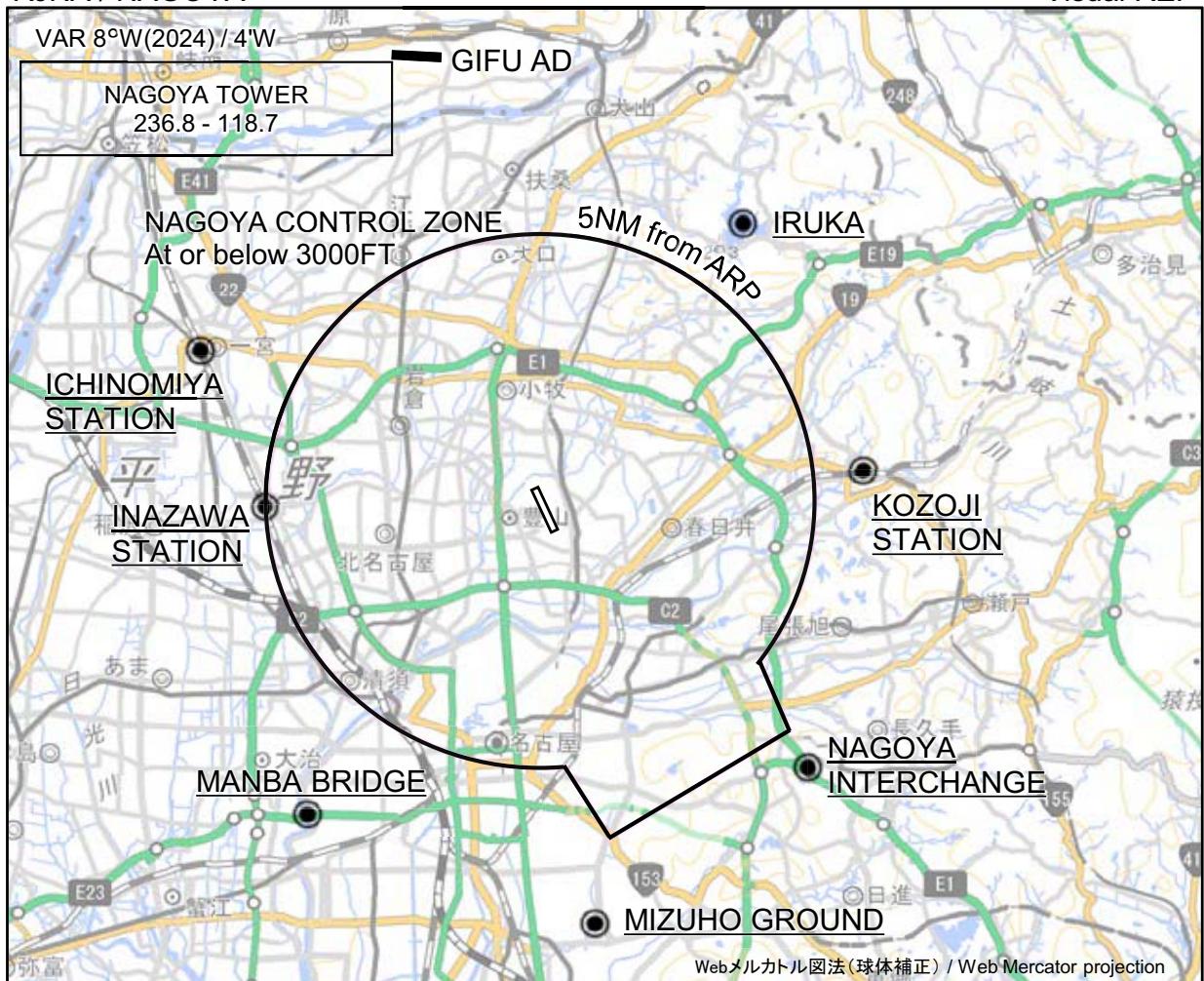
RNP RWY16



CHANGE : Description of VAR.

RJNA / NAGOYA

Visual REP



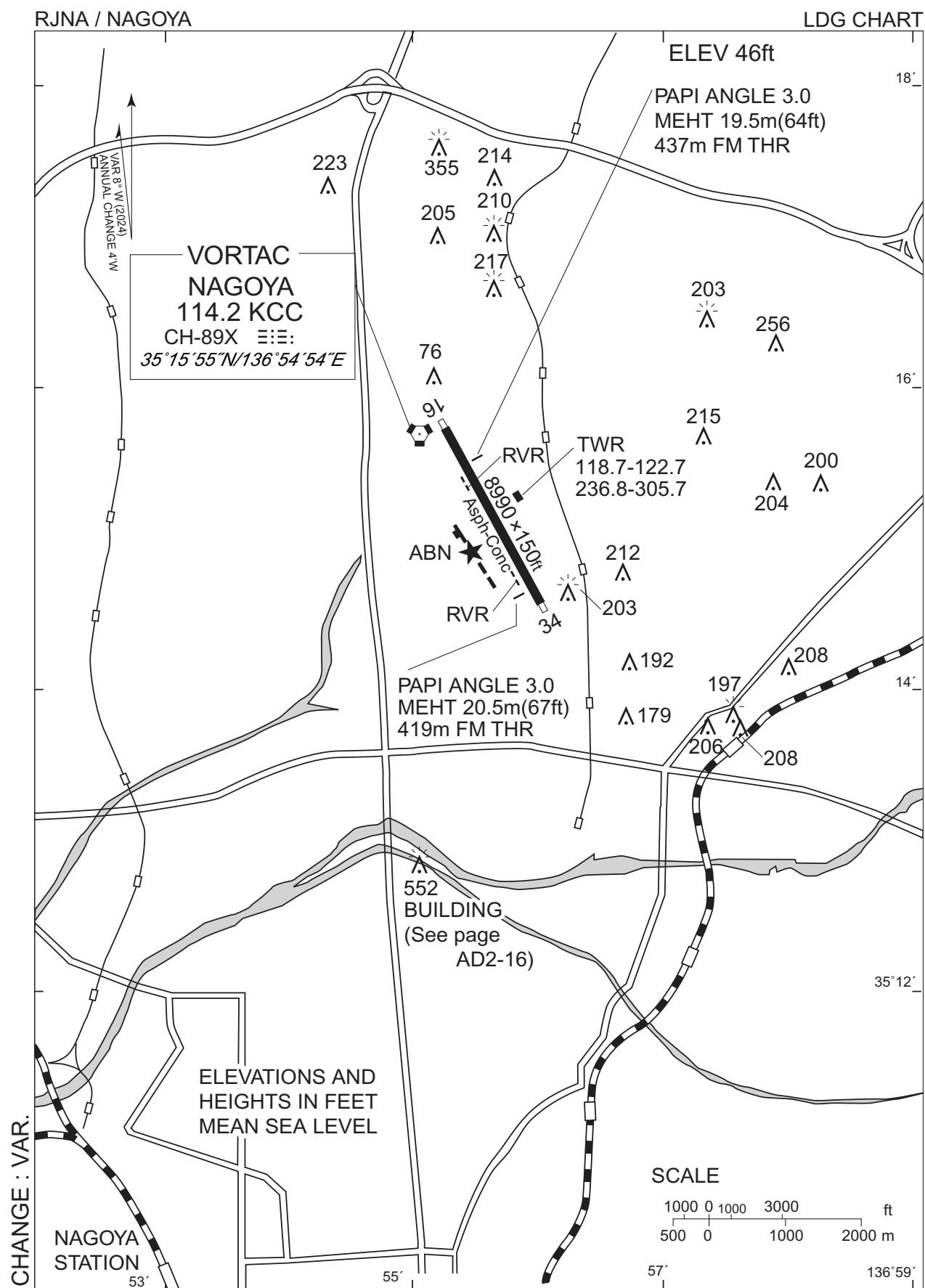
※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

Call sign	BRG / DIST from ARP	Remarks
高蔵寺ステーション Kozoji Station	085°T / 5.9NM	JR高蔵寺駅 Station
入鹿 Iruka	035°T / 6.4NM	池 Pond
一宮ステーション Ichinomiya Station	294°T / 6.8NM	JR尾張一宮駅 Station
稻沢ステーション Inazawa Station	269°T / 5.1NM	JR稻沢駅 Station
万場大橋 Manba Bridge	216°T / 7.3NM	庄内川と名古屋高速道路5号万場線との交点 Bridge
*名古屋インターチェンジ *Nagoya Interchange	136°T / 7.0NM	東名高速道路のインターチェンジ Interchange
*瑞穂グラウンド *Mizuho Ground	173°T / 8.0NM	総合陸上競技場 Ground

CHANGE : VAR.

注 : \* は特別管制空域に係る飛行の許可及び指示を受けるため、また、その他必要に応じて当該空域に係る位置通報等に供される目視位置通報点である。

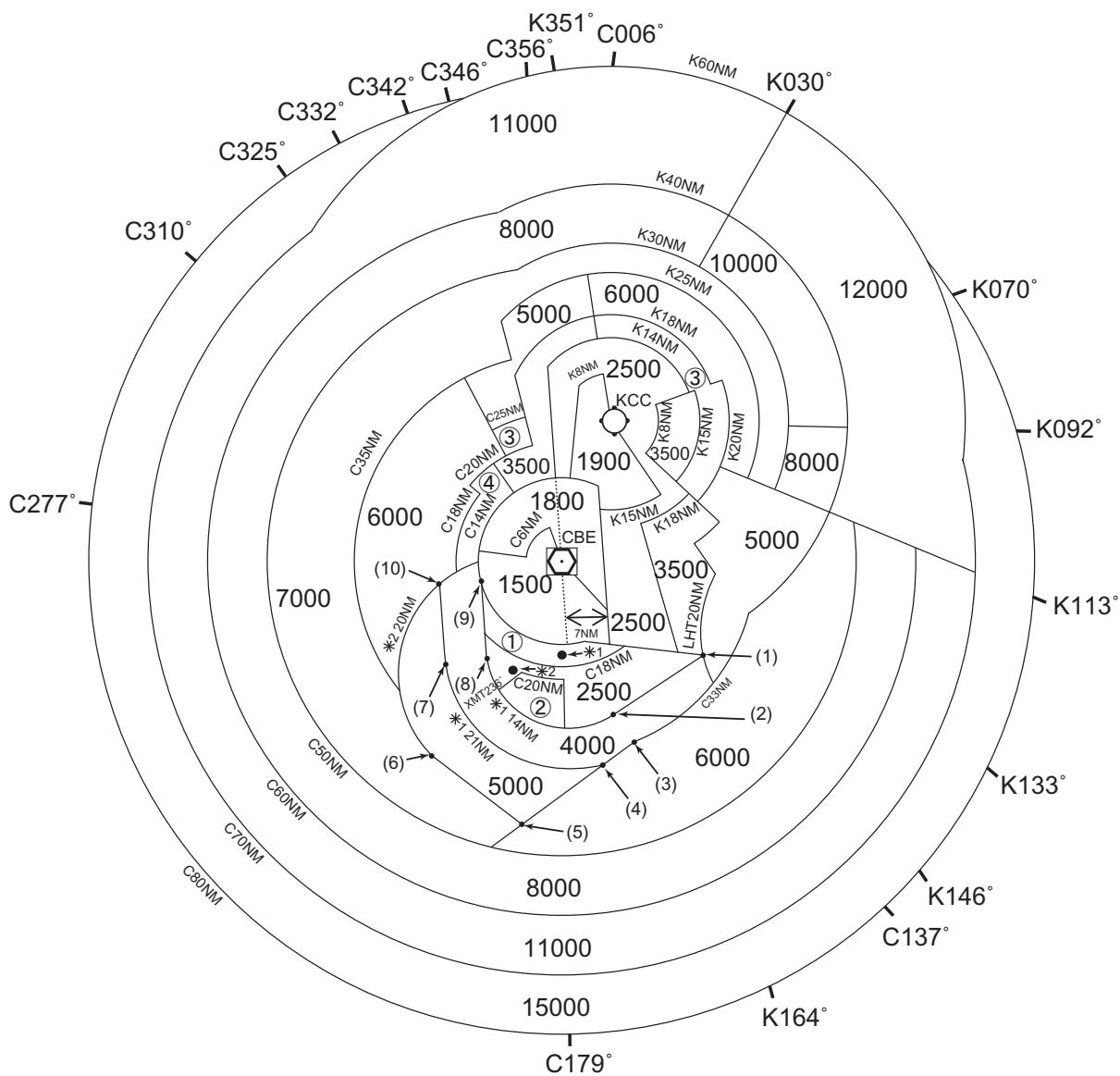
Note : The asterisk (\*) indicates the visual reporting point where a pilot is to request ATC clearance regarding to PCA and to make position report as required.



RJNA / NAGOYA

Minimum Vectoring Altitude CHART

VAR 8°W (2024)



CHANGE : VAR.

- |        |                      |                       |
|--------|----------------------|-----------------------|
| ① 2000 | (1) 343821N/1371935E | (6) 341414N/1362958E  |
| ② 3000 | (2) 342638N/1370237E | (7) 343322N/1362638E  |
| ③ 4000 | (3) 342240N/1370744E | (8) 343442N/1363458E  |
| ④ 5000 | (4) 341804N/1370143E | (9) 344656N/1363203E  |
|        | (5) 340628N/1364640E | (10) 344507N/1362348E |

CENTER : 345129N/1364811E (C : CBE)  
CENTER : 351555N/1365454E (K : KCC)  
\*1 : 343722N/1365140E  
\*2 : 343140N/1364148E