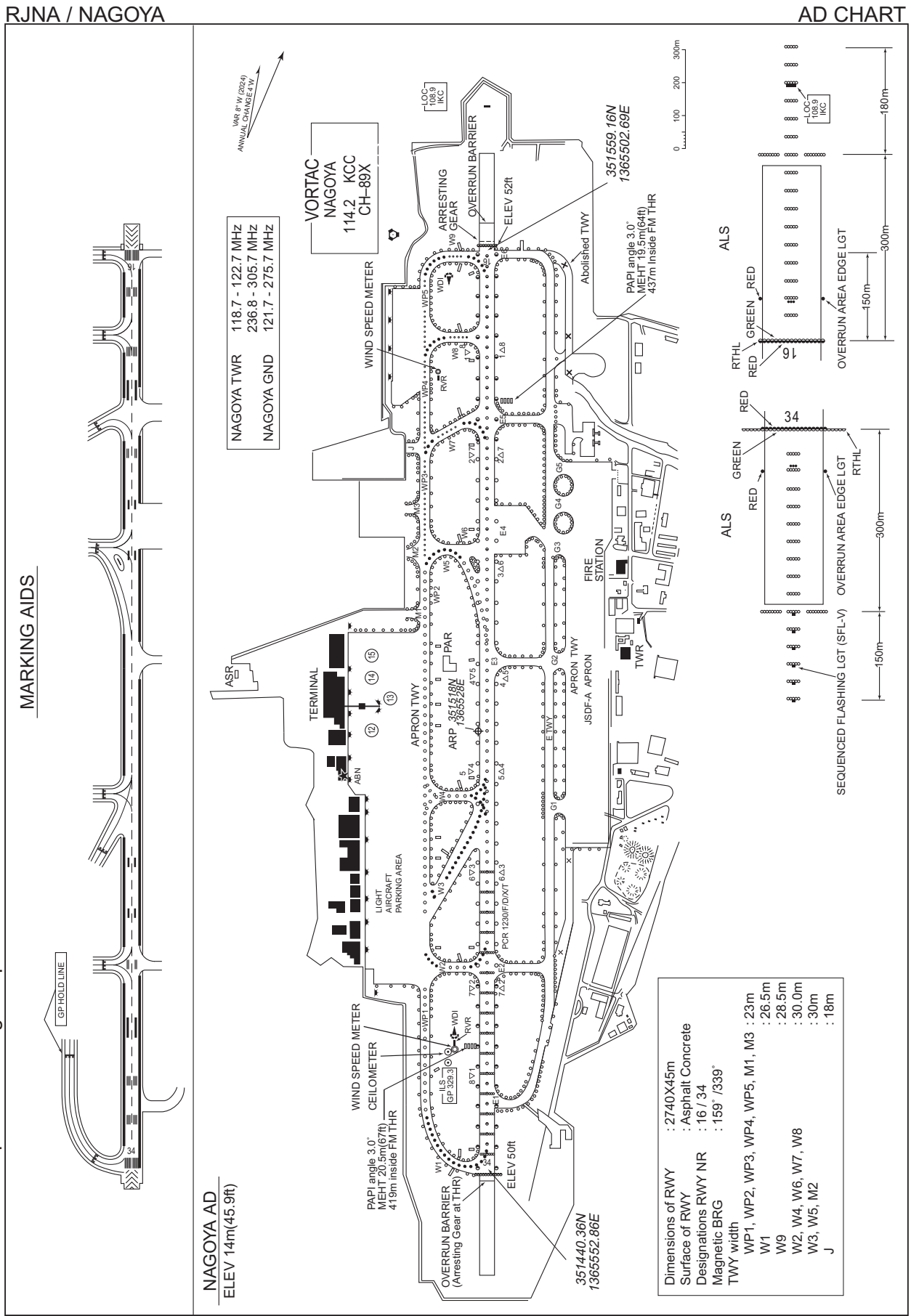


CHANGE : Description of strength of pavement.

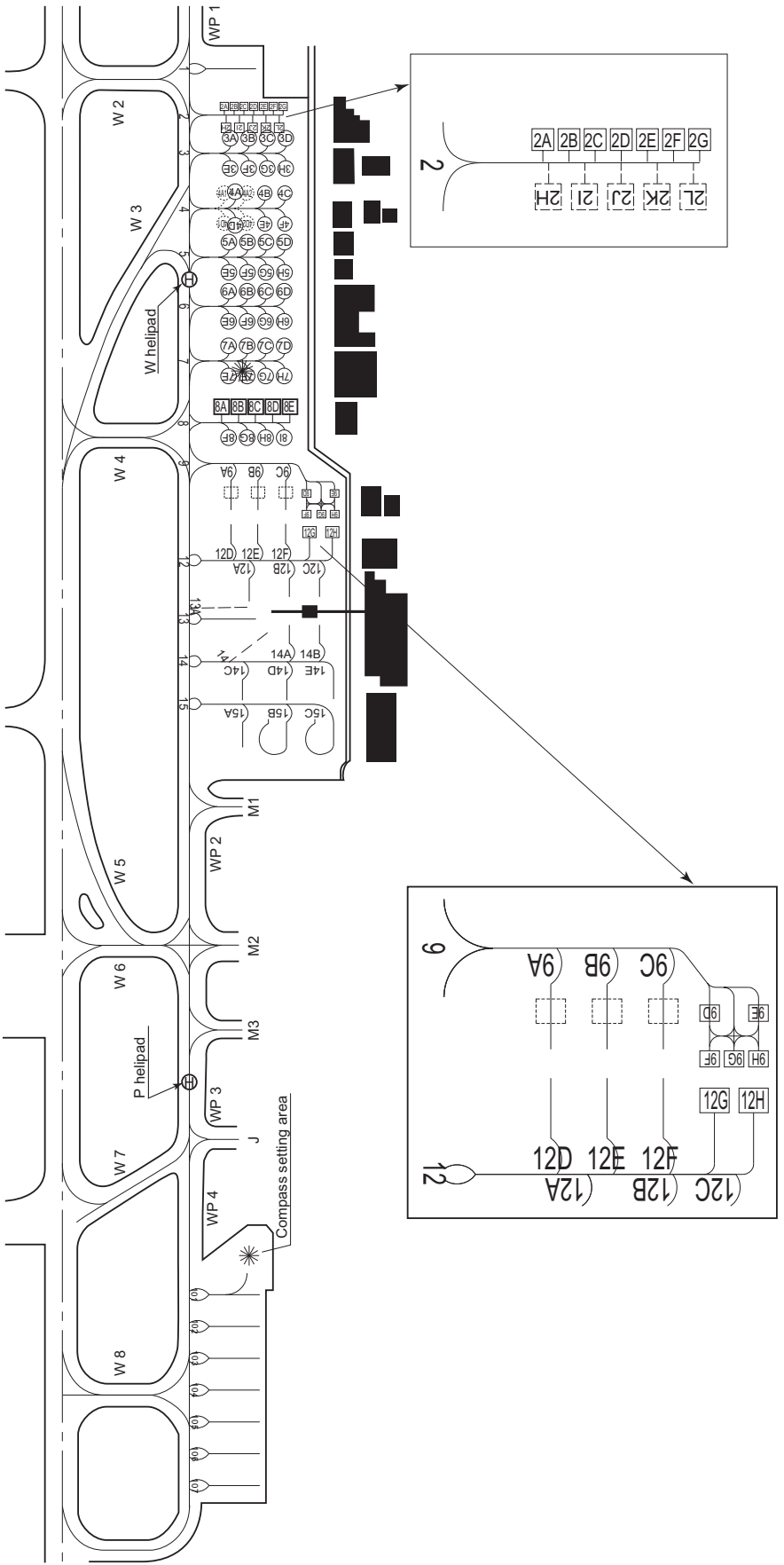


CHANGE: Spot 101-107 added.

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 TRANSITIONFrom 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 TRANSITIONFrom 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.

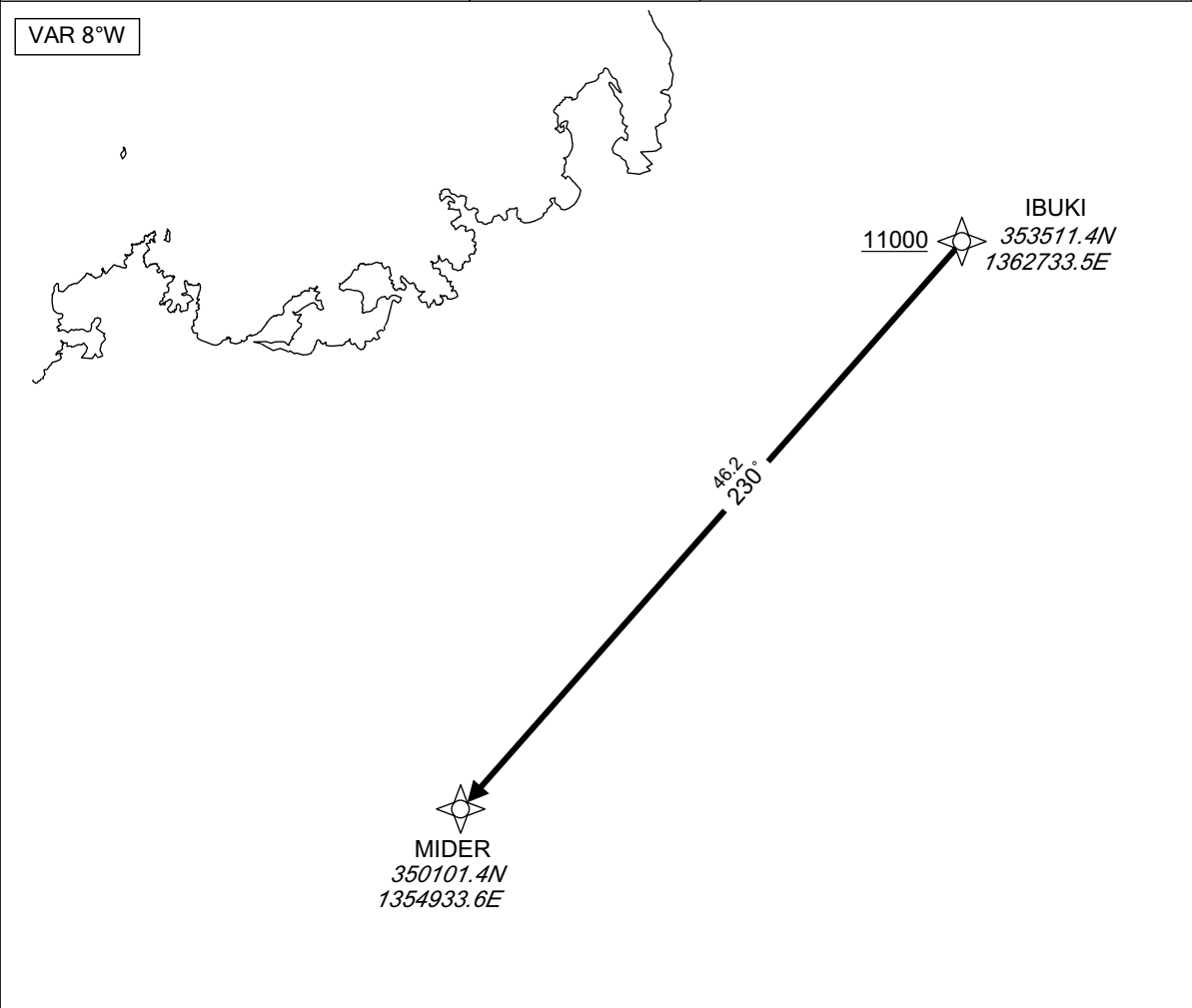


STANDARD DEPARTURE CHART -INSTRUMENT

RJNA / NAGOYA

RNAV TRANSITION

| MIDER 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 | |



From IBUKI at or above 11000FT, to MIDER.

| 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 | IBUKI | - | - | -7.9 | - | - | +11000 | - | - | RNAV1 |
| 002 | TF | MIDER | - | 230 (222.4) | -7.9 | 46.2 | - | - | - | - | RNAV1 |

CHANGE : Description of VAR and PROC name.

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/

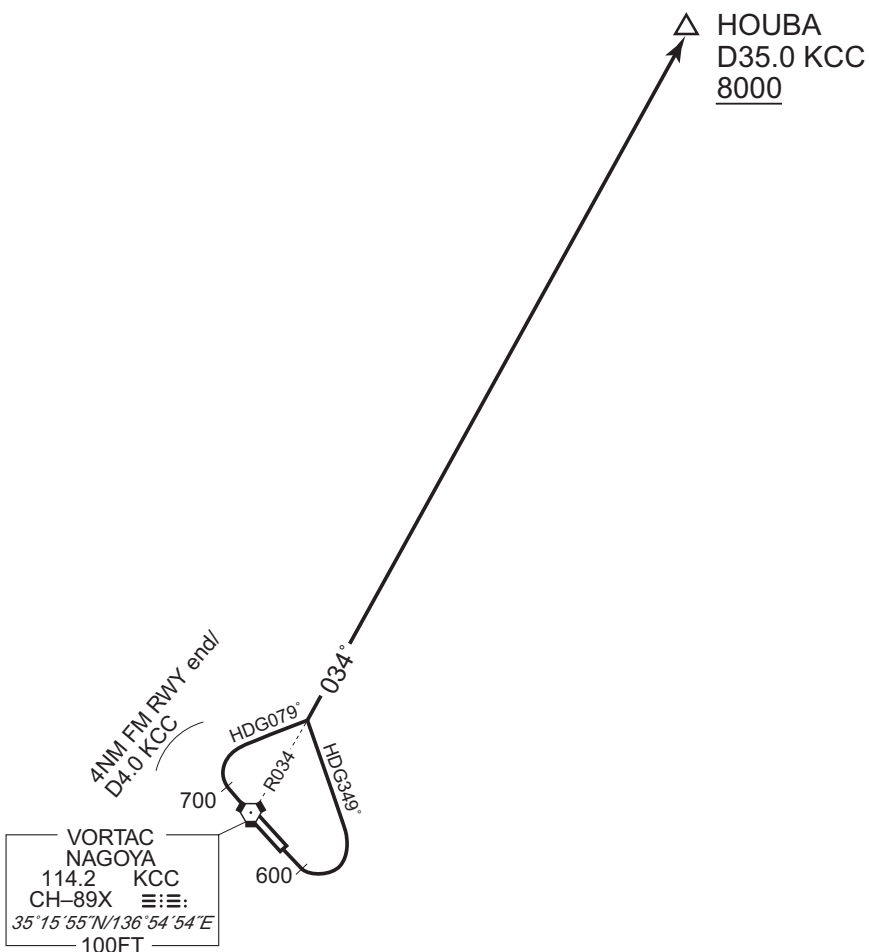
KCC 4.0DME, via HDG079°...

...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.



HOUBA
D35.0 KCC
8000

CHANGE : Description of PROC name.

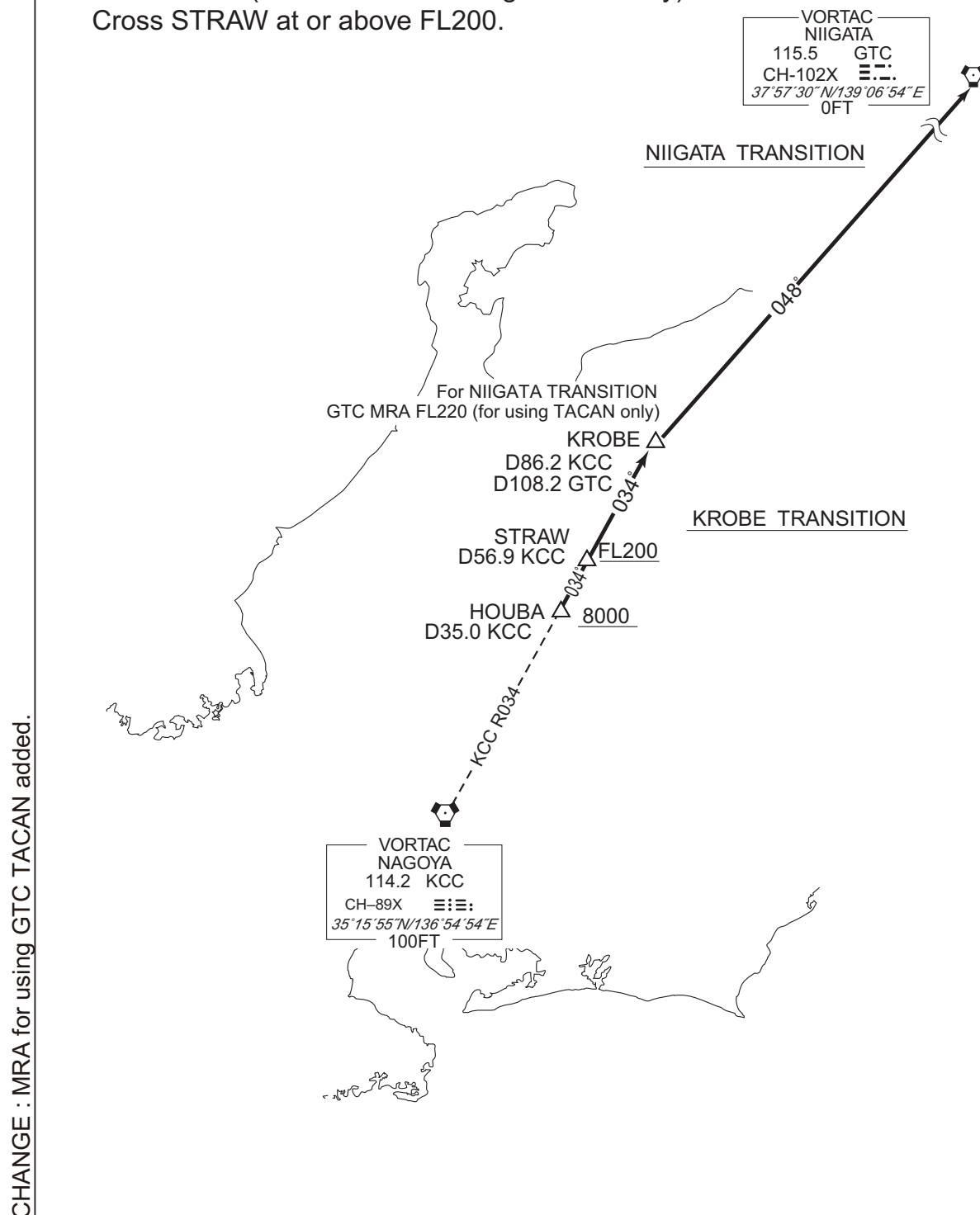
VORTAC
NAGOYA
114.2 KCC
CH-89X ≡≡≡
35°15'55"N/136°54'54"E
100FT

RJNA / NAGOYA

TRANSITION

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

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.



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

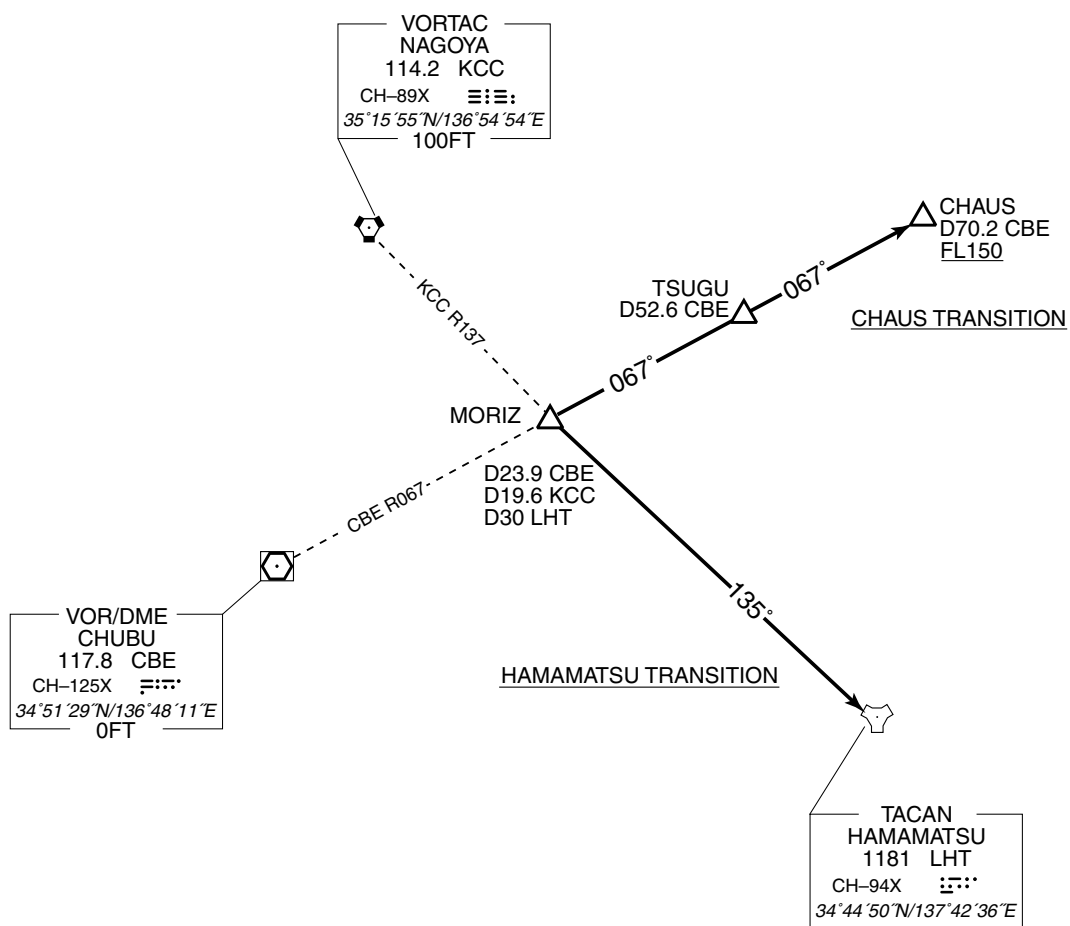
HAMAMATSU TRANSITION

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.



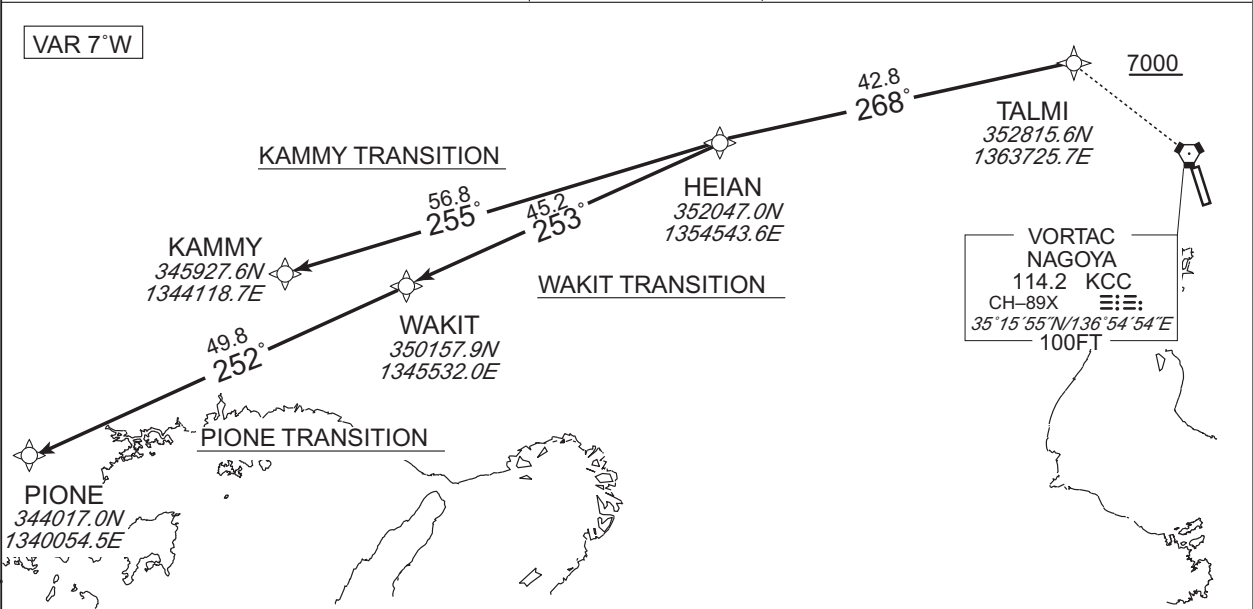
CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART -INSTRUMENT

RJNA / NAGOYA

RNAV TRANSITION

| PIONE TRANSITION / WAKIT TRANSITION / KAMMY TRANSITION | | | RNAV 1 |
|---|-----------------------|---|--------|
| Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required. | Critical DME | - | |
| | 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.

| 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.

INTENTIONALLY LEFT BLANK

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

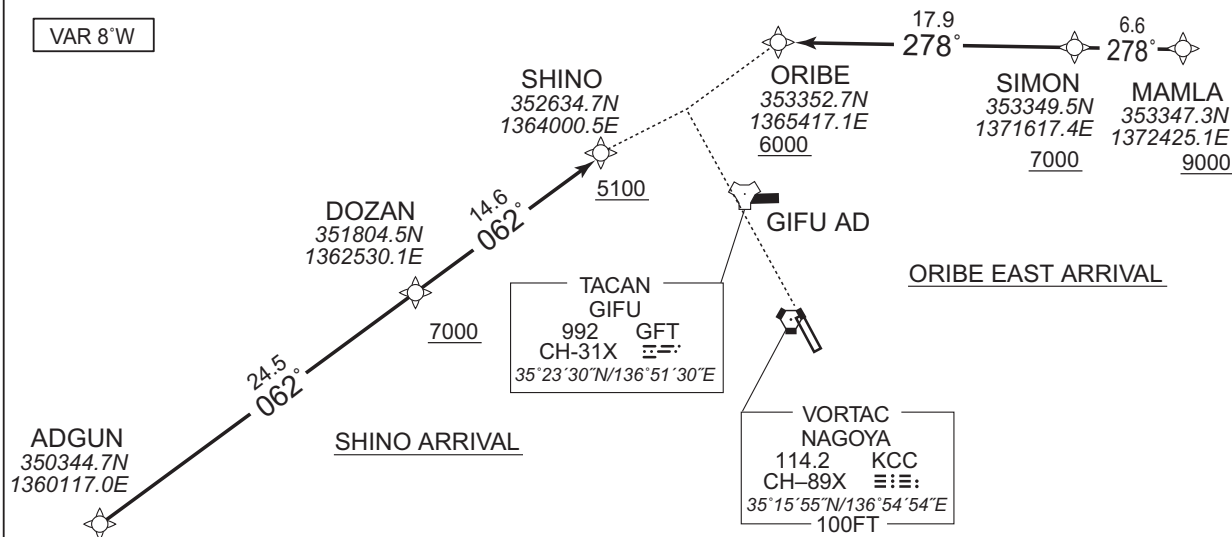
RJNA / NAGOYA

RNAV STAR

ORIBE EAST ARRIVAL
SHINO ARRIVAL

RNAV1

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

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

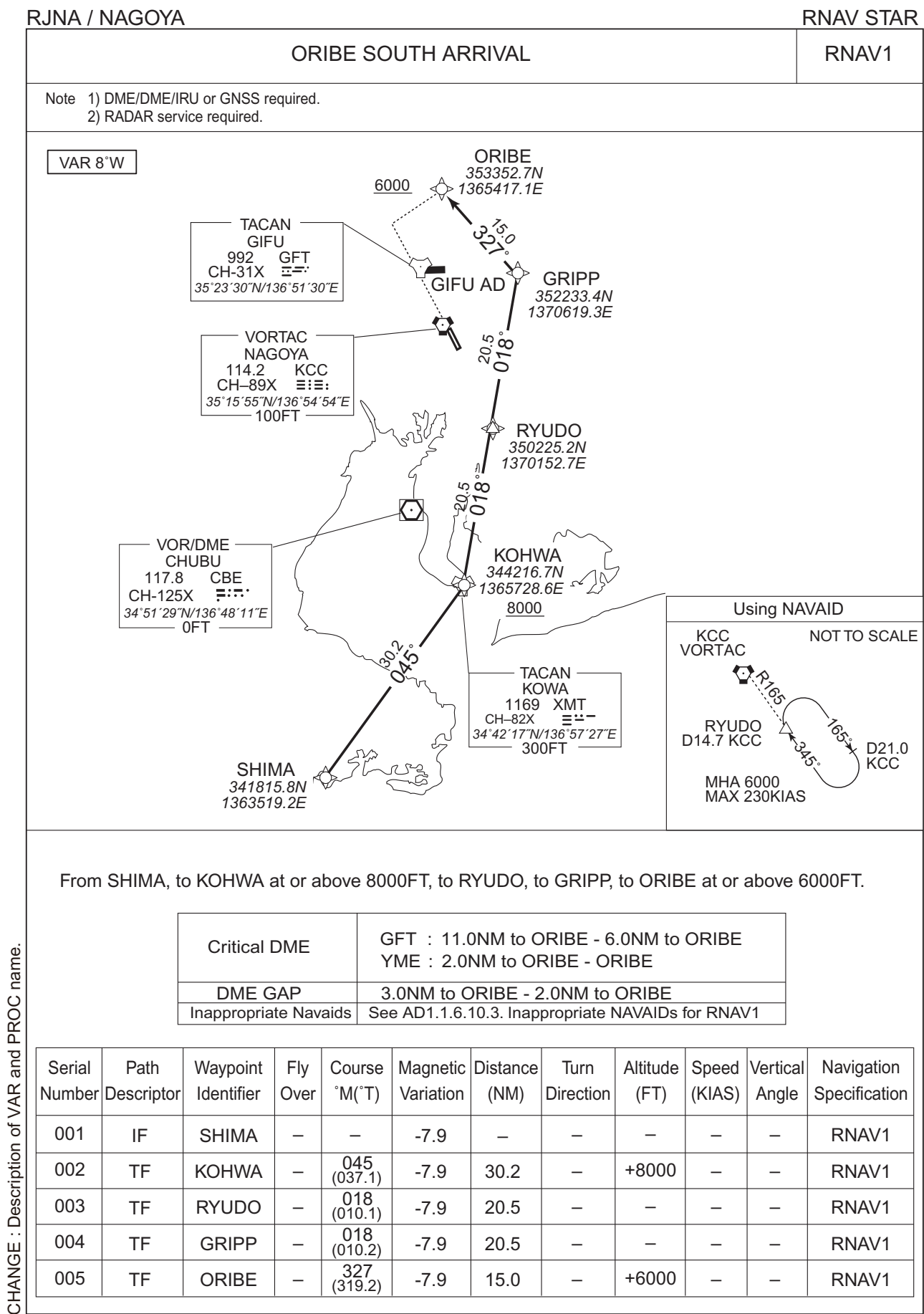
From ADGUN, to DOZAN at or above 7000FT, to SHINO at or above 5100FT.

| | |
|-----------------------|---|
| 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.

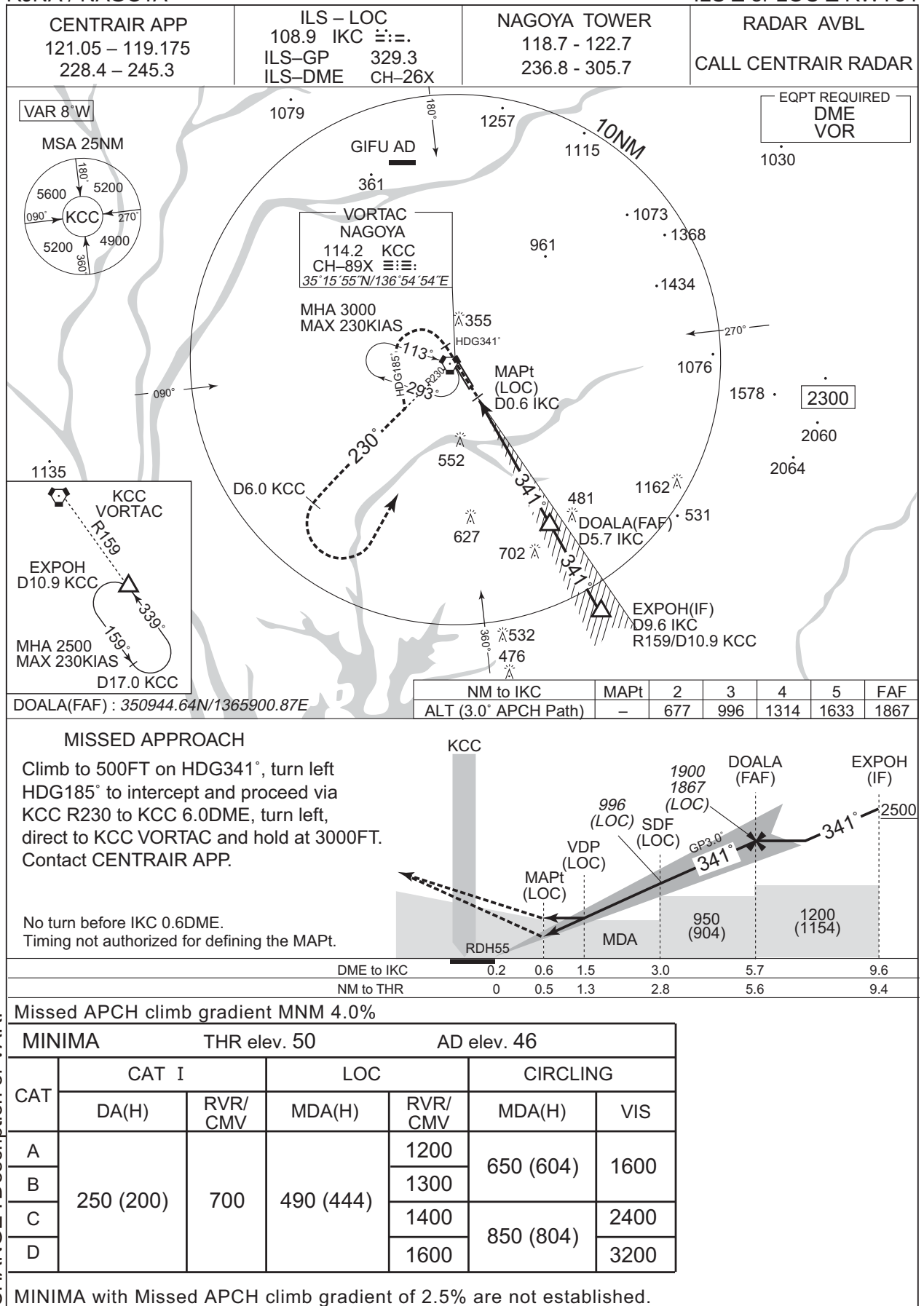
STANDARD ARRIVAL CHART -INSTRUMENT



INSTRUMENT APPROACH CHART

RJNA / NAGOYA

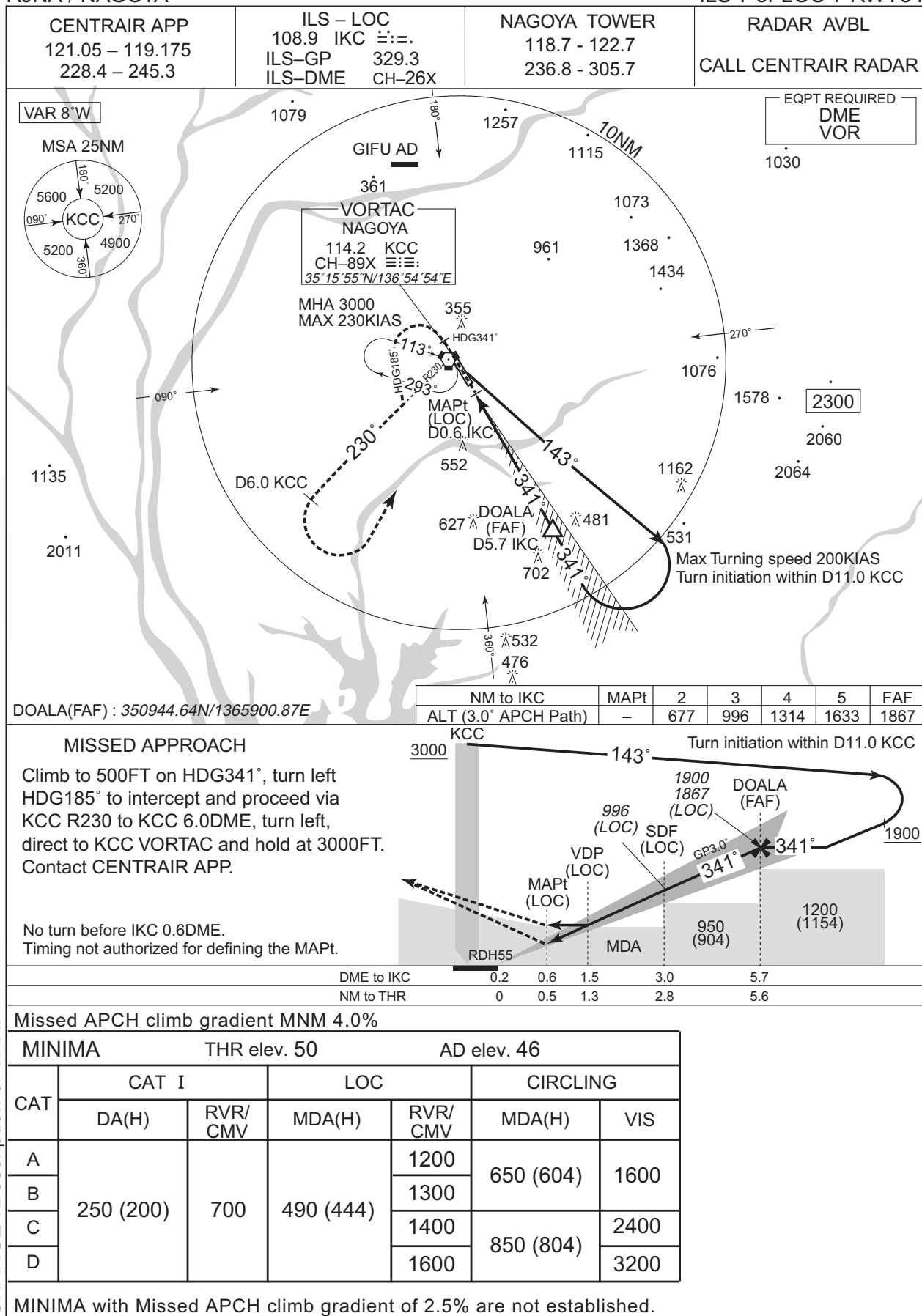
ILS Z or LOC Z RWY34



INSTRUMENT APPROACH CHART

RJNA / NAGOYA

ILS Y or LOC Y RWY34

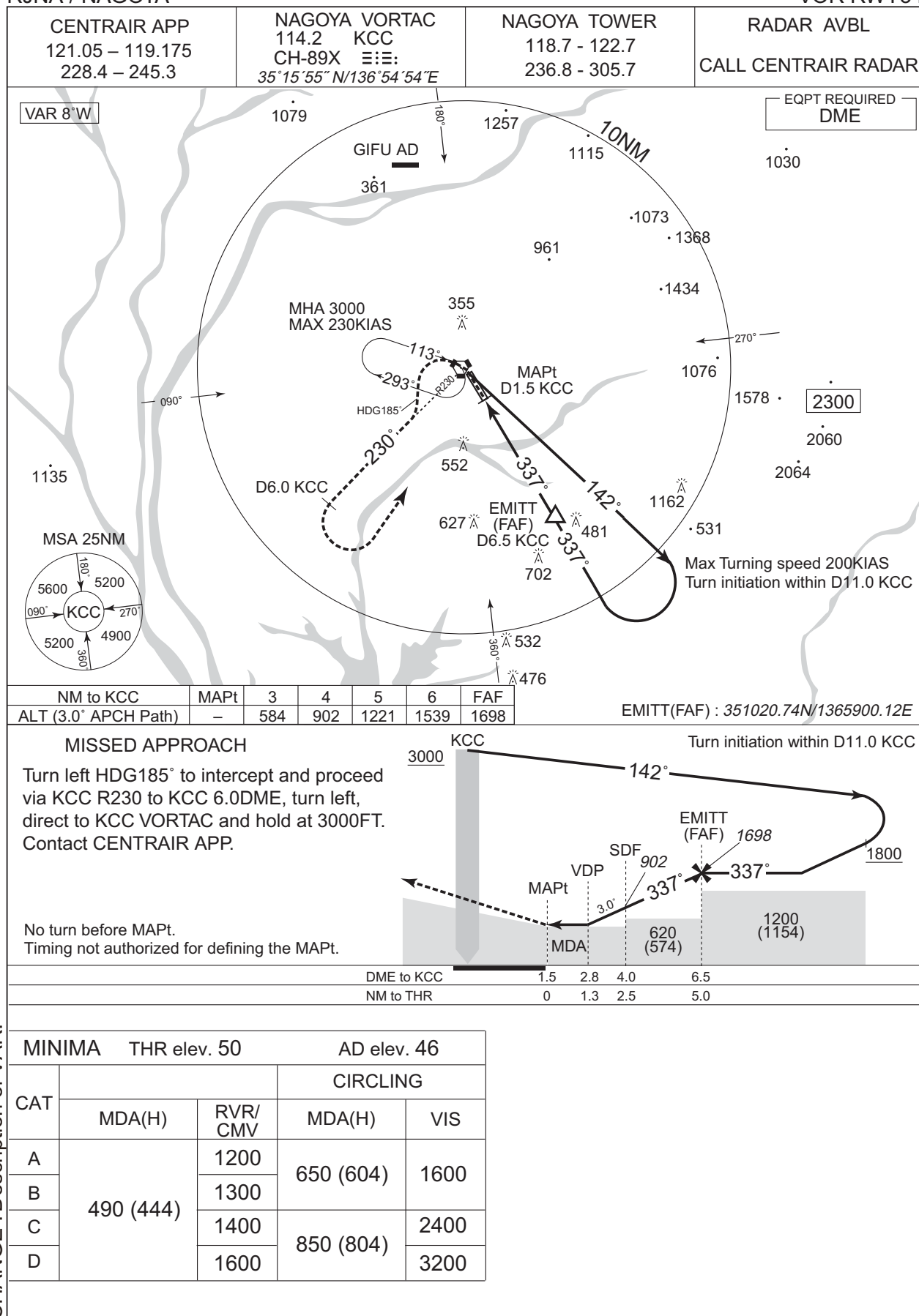


CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJNA / NAGOYA

VOR RWY34



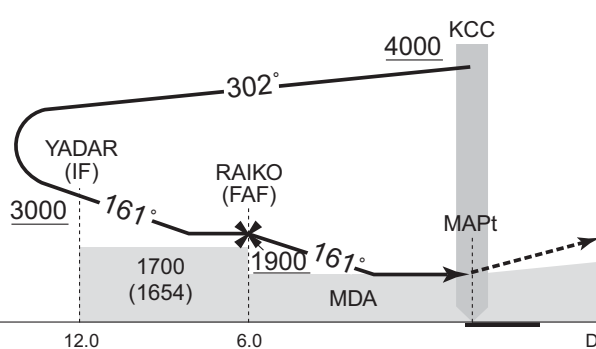
CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJNA / NAGOYA

VOR A

| | | | |
|---|---|--|-----------------------------------|
| CENTRAIR APP 121.05 – 119.175 228.4 – 245.3 | NAGOYA VORTAC 114.2 KCC CH-89X $\equiv \equiv \equiv$ $35^{\circ}15'55"N/136^{\circ}54'54"E$ | NAGOYA TOWER 118.7 - 122.7 236.8 - 305.7 | RADAR AVBL CALL CENTRAIR RADAR |
|---|---|--|-----------------------------------|



MISSED APPROACH

Turn right HDG275° to intercept and proceed via KCC R230 to KCC 6.0DME, turn left, direct to KCC VORTAC and hold at 3000FT. Contact CENTRAIR APP.

Timing not authorized for defining the MAPt.

CHANGE : Description of VAR.

| MINIMA | | AD elev. 46 |
|--------|-----------|-------------|
| CAT | CIRCLING | |
| | MDA(H) | VIS |
| A | 650 (604) | 1600 |
| B | | 2400 |
| C | 690 (644) | 3200 |
| D | | |

Circling to EAST side of RWY only.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

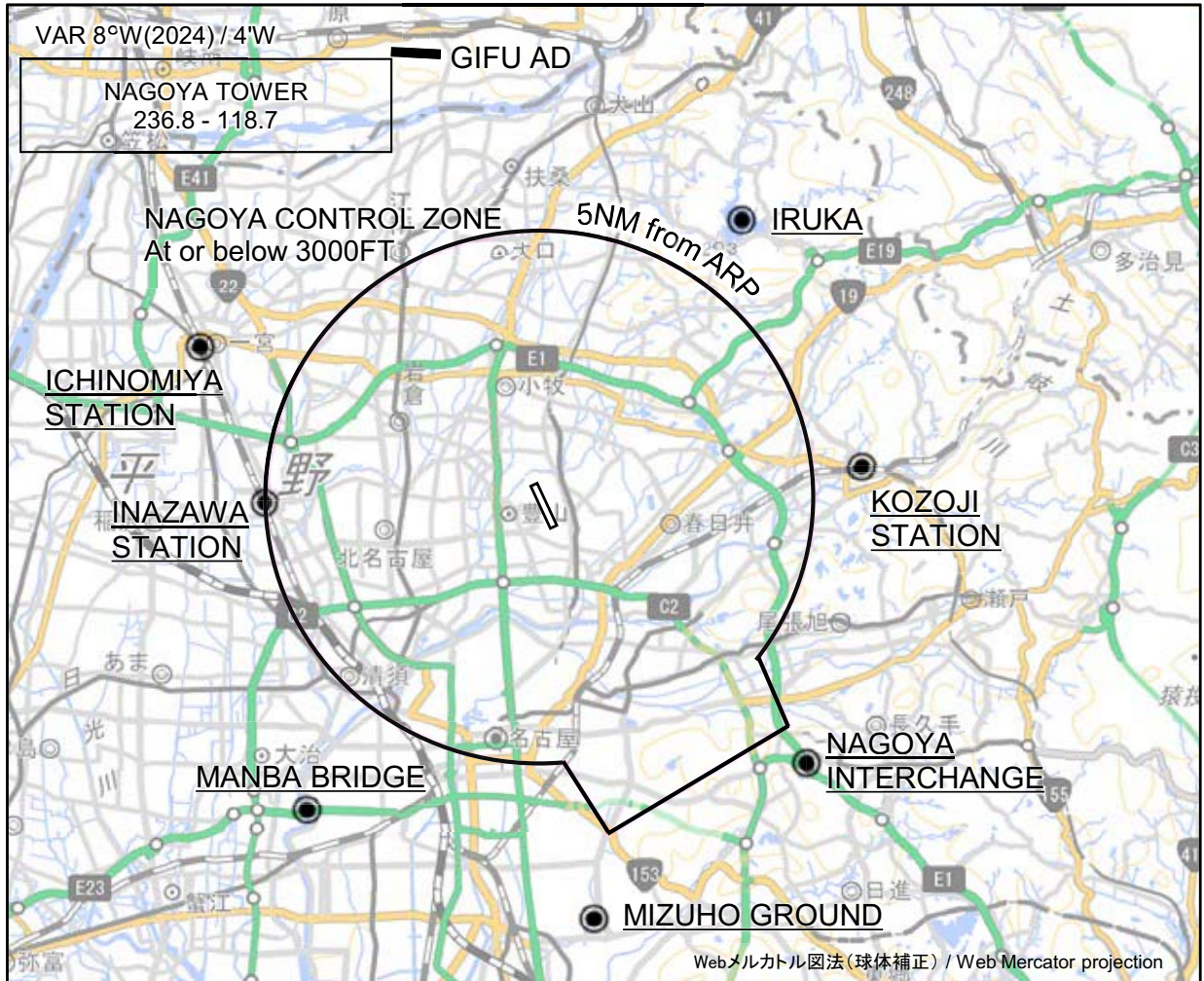
RJNA / NAGOYA

RNP RWY16



RJNA / NAGOYA

Visual REP



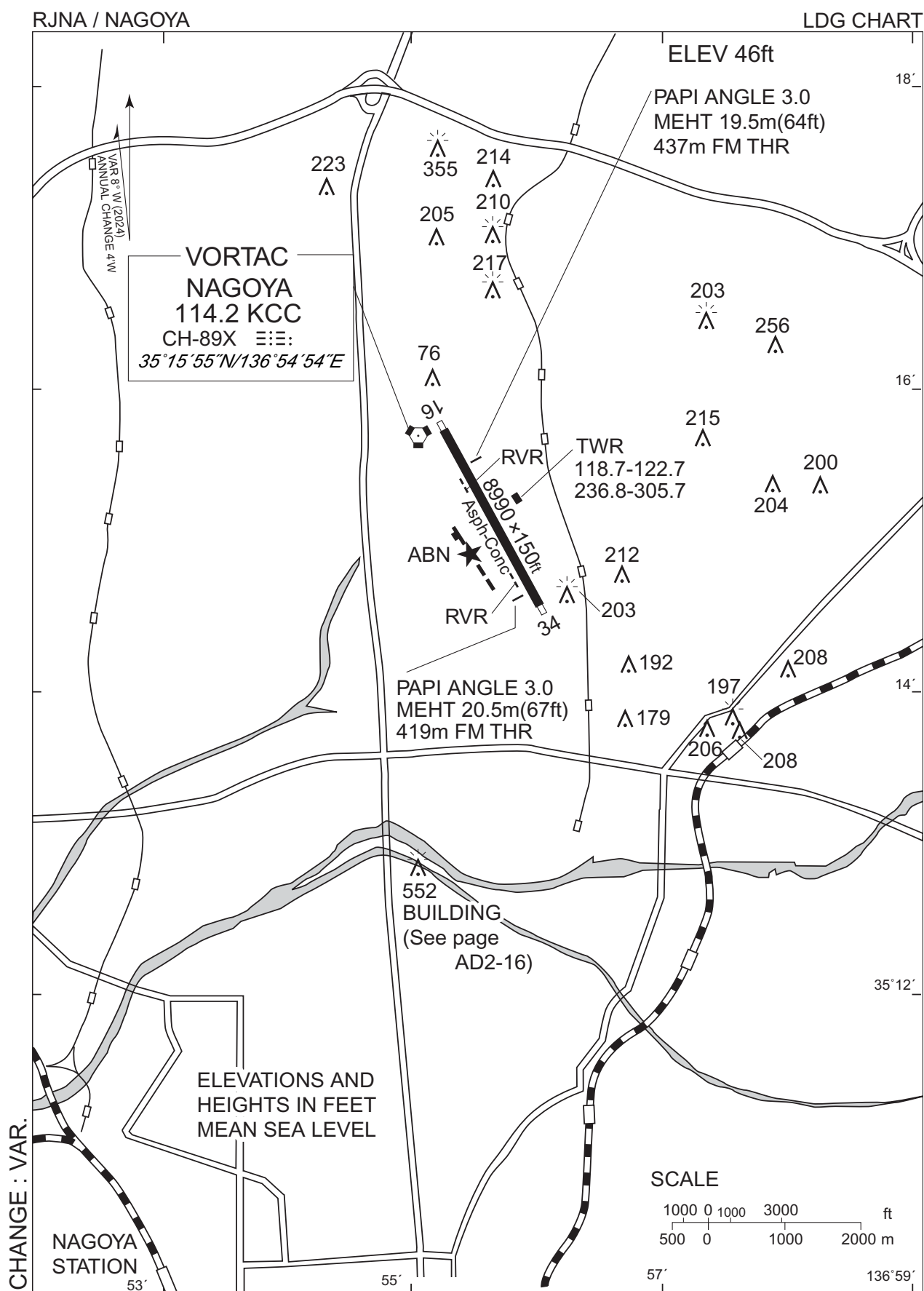
※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

| 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 |
| 稲沢ステーション Inazawa Station | 269°T / 5.1NM | JR稲沢駅 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応じら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

