

AD CHART

KOCHI AP

★ ABN

TRUE NORTH

TOWER

WIND SPEED METER

VOR/DME(KRE)

RUNWAY GUARD LIGHTS T-1

CEILOMETER

T-2

TAXIING GUIDANCE SIGNS

ARP

T-3

T-4

CIRCLING GUIDANCE LIGHTS

T-5

WDI

T-6

OVERRUN LIGHTS

WIND SPEED METER

PAPI Angle 3.0° MEHT 25.5m(84ft)

583.5m

REMARKS: RUNWAY GROOVING 2500m x 30m
WIDTH OF TAXIWAY 34m
T-2, T-3, T-4 & T-5 28.5m
T-1 & T-6 23m
A-1, A-2, A-3, A-4 & A-5

PAPI Angle 3.0° MEHT 20m(66ft)

404.4m

Example for MANDATORY INSTRUCTION MARKING

32-14 32-14

Installed on TWY T1 THRU T6.

APPROACH LIGHTING SYSTEM

SEQUENCED FLASHING LIGHT (SFL-V)

420m

420m

362.929m(1193.58m)

37ft (11.27m)

32ft (9.63m)

-0.55%

-0.10%

-0.69%

29ft (8.92m)

23ft (7.12m)

21ft (6.54m)

18ft (5.49m)

18ft (5.46m)

-0.34%

-0.20%

-0.03%

RWY 32

RWY 14

LONGITUDINAL PROFILE OF RUNWAY

0m 275m 511.5m 1240m 1540m 1940m 2060m 2400m 2500m

STANDARD DEPARTURE CHART - INSTRUMENT

RJOK / KOCHI

SID

SHIMIZU SEVEN DEPARTURE

RWY 14 : Climb RWY HDG to 500FT, turn right HDG 268°...

RWY 32 : Climb RWY HDG to 800FT, turn right...

...to intercept and proceed via KRE R223/SUC R043 to SUC VORTAC.

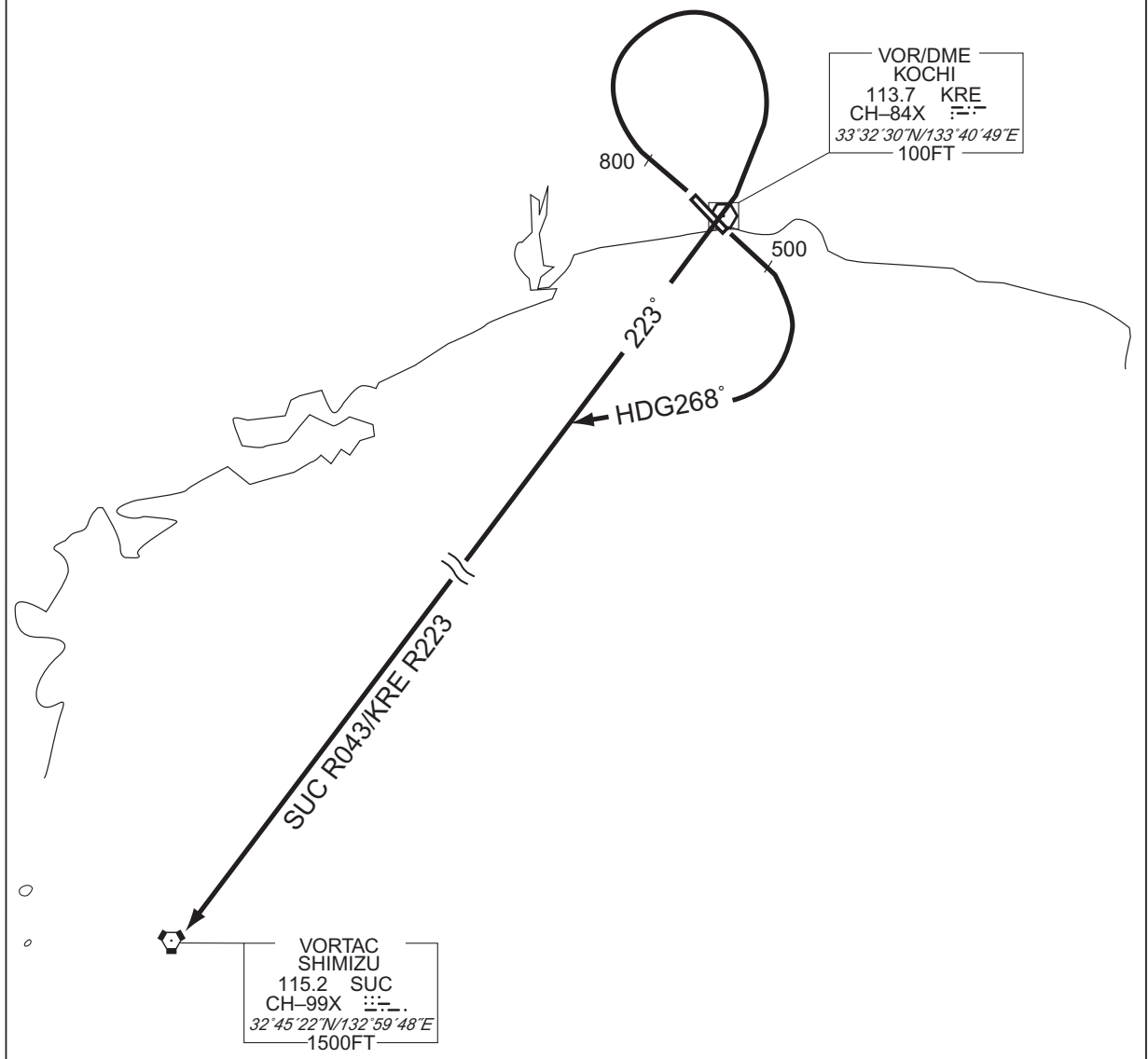
Note RWY14 : 5.0% climb gradient required up to 500FT.

OBST ALT 61FT located at 0.2NM 179° FM end of RWY14.

RWY32 : 6.0% climb gradient required up to 2500FT.

OBST ALT 2165FT located at 6.6NM 359° FM end of RWY32.

CHANGE : PROC renamed. Note RWY14 added.



STANDARD DEPARTURE CHART - INSTRUMENT

RJOK / KOCHI

SID

KOCHI REVERSAL SIX DEPARTURE

RWY 14 : Climb RWY HDG to 500FT, turn right...

RWY 32 : Climb RWY HDG to 800FT, turn right HDG 205°...

...to intercept and proceed via KRE R160 to KRE 10.0DME, turn left
proceed to KRE VOR/DME.

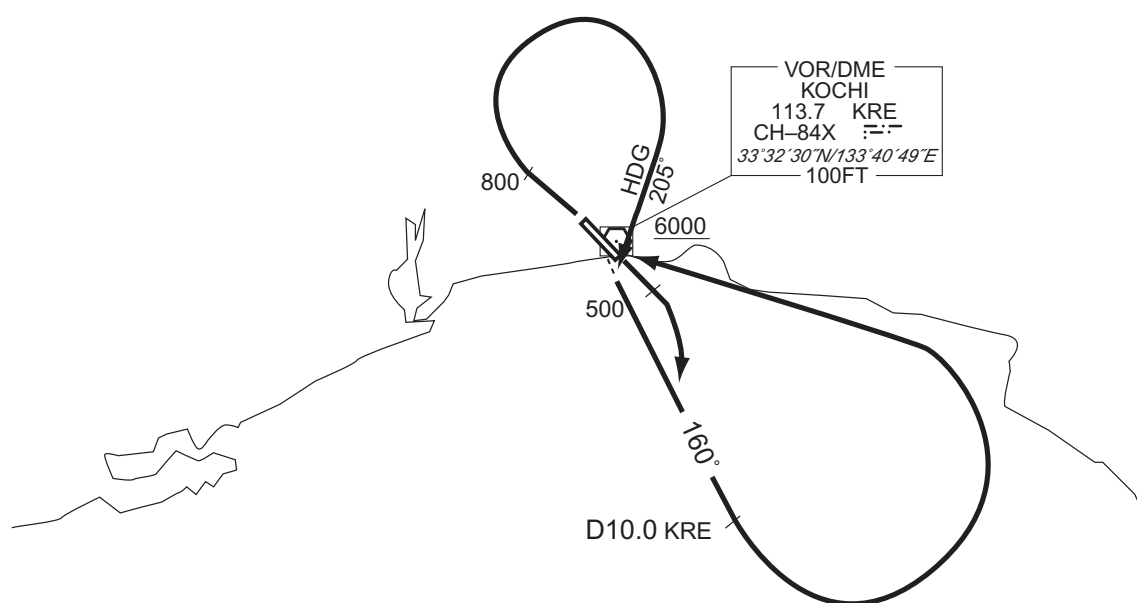
Cross KRE VOR/DME at or above 6000FT.

Note RWY14 : 5.0% climb gradient required up to 500FT.

OBST ALT 61FT located at 0.2NM 179° FM end of RWY14.

RWY32 : 6.0% climb gradient required up to 2500FT.

OBST ALT 2165FT located at 6.6NM 359° FM end of RWY32.



CHANGE : PROC renamed. Note RWY14 added.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOK / KOCHI

SID

URADO REVERSAL FOUR DEPARTURE

RWY 14 : Climb RWY HDG to 500FT, turn right HDG 255°...

RWY 32 : Climb RWY HDG to 800FT, turn right...

...to intercept and proceed via KRE R210 to KRE 15.0DME, turn right
proceed to KRE VOR/DME.

Cross KRE VOR/DME at or above 6000FT.

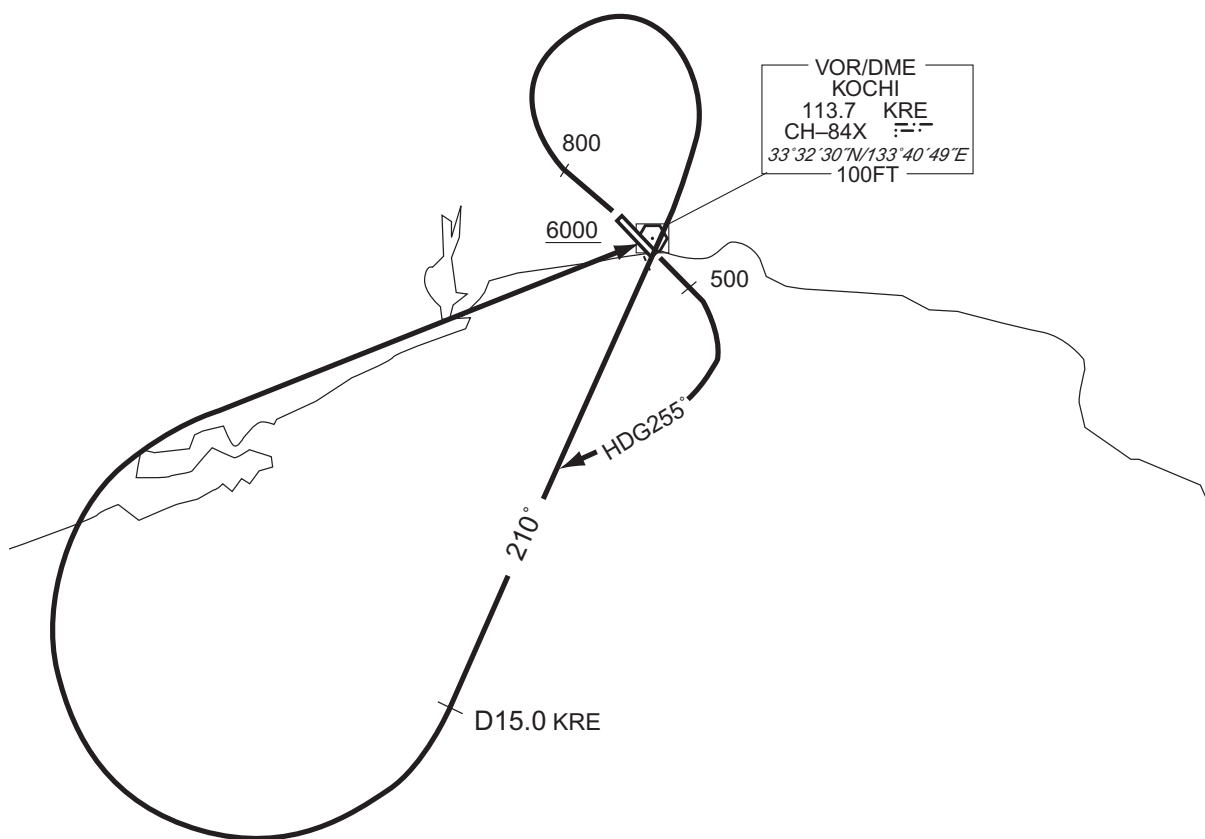
Note RWY14 : 5.0% climb gradient required up to 500FT.

OBST ALT 61FT located at 0.2NM 179° FM end of RWY14.

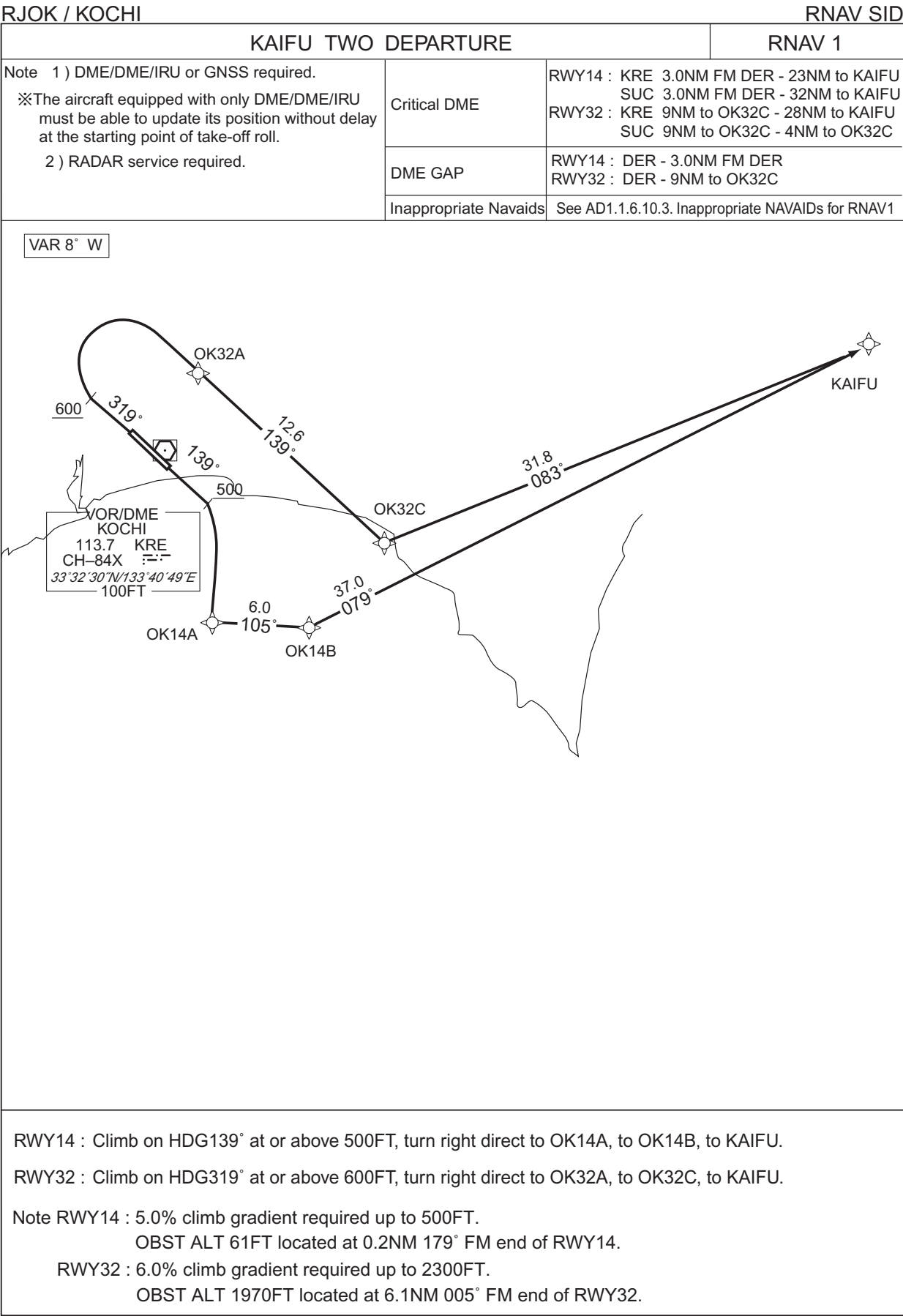
RWY32 : 6.0% climb gradient required up to 2500FT.

OBST ALT 2165FT located at 6.6NM 359° FM end of RWY32.

CHANGE : PROC renamed. Note RWY14 added.



STANDARD DEPARTURE CHART -INSTRUMENT



STANDARD DEPARTURE CHART -INSTRUMENT

RJOK / KOCHI

RNAV SID

KAIFU TWO DEPARTURE

RWY14

| 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 | — | — | 139 (130.6) | -7.9 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | OK14A | — | — | -7.9 | — | R | — | — | — | RNAV1 |
| 003 | TF | OK14B | — | 105 (097.5) | -7.9 | 6.0 | — | — | — | — | RNAV1 |
| 004 | TF | KAIFU | — | 079 (070.7) | -7.9 | 37.0 | — | — | — | — | RNAV1 |

RWY32

| 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 | — | — | 319 (310.6) | -7.9 | — | — | +600 | — | — | RNAV1 |
| 002 | DF | OK32A | — | — | -7.9 | — | R | — | — | — | RNAV1 |
| 003 | TF | OK32C | — | 139 (130.7) | -7.9 | 12.6 | — | — | — | — | RNAV1 |
| 004 | TF | KAIFU | — | 083 (075.0) | -7.9 | 31.8 | — | — | — | — | RNAV1 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | Waypoint Identifier | Coordinates |
|---------------------|------------------------|---------------------|------------------------|
| OK14A | 332450.3N / 1334334.2E | KAIFU | 333610.0N / 1343231.2E |
| OK14B | 332402.9N / 1335040.3E | | |
| OK32A | 333615.7N / 1334417.5E | | |
| OK32C | 332804.1N / 1335542.6E | | |

CHANGE : PROC renamed. PROC course. VAR added. Navigation Specification. Waypoint Coordinates added.

RJOK / KOCHI

RNAV SID and TRANSITION

RWY14 : Climb on HDG139° at or above 500FT, turn right direct to OK14A, to MUROT.
 RWY32 : Climb on HDG319° at or above 600FT, turn right direct to OK32A, to OK32D, to MUROT.
 Note RWY14 : 5.0% climb gradient required up to 500FT.
 OBST ALT 61FT located at 0.2NM 179° FM end of RWY14.
 RWY32 : 6.0% climb gradient required up to 2300FT.
 OBST ALT 1970FT located at 6.1NM 005° FM end of RWY32.

From MUROT, to MIYAT, to MERID, to KEC.

CHANGE : PROC renamed. Critical DME, VAR, Note RWY14 added. PROC course.

STANDARD DEPARTURE CHART -INSTRUMENT

RJOK / KOCHI

RNAV SID and TRANSITION

MUROT TWO DEPARTURE

RWY14

| 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 | — | — | 139 (130.6) | -7.9 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | OK14A | — | — | -7.9 | — | R | — | — | — | RNAV1 |
| 003 | TF | MUROT | — | 105 (097.6) | -7.9 | 30.9 | — | — | — | — | RNAV1 |

RWY32

| 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 | — | — | 319 (310.6) | -7.9 | — | — | +600 | — | — | RNAV1 |
| 002 | DF | OK32A | — | — | -7.9 | — | R | — | — | — | RNAV1 |
| 003 | TF | OK32D | — | 139 (130.7) | -7.9 | 20.9 | — | — | — | — | RNAV1 |
| 004 | TF | MUROT | — | 106 (097.7) | -7.9 | 14.3 | — | — | — | — | RNAV1 |

KUSHIMOTO TRANSITION

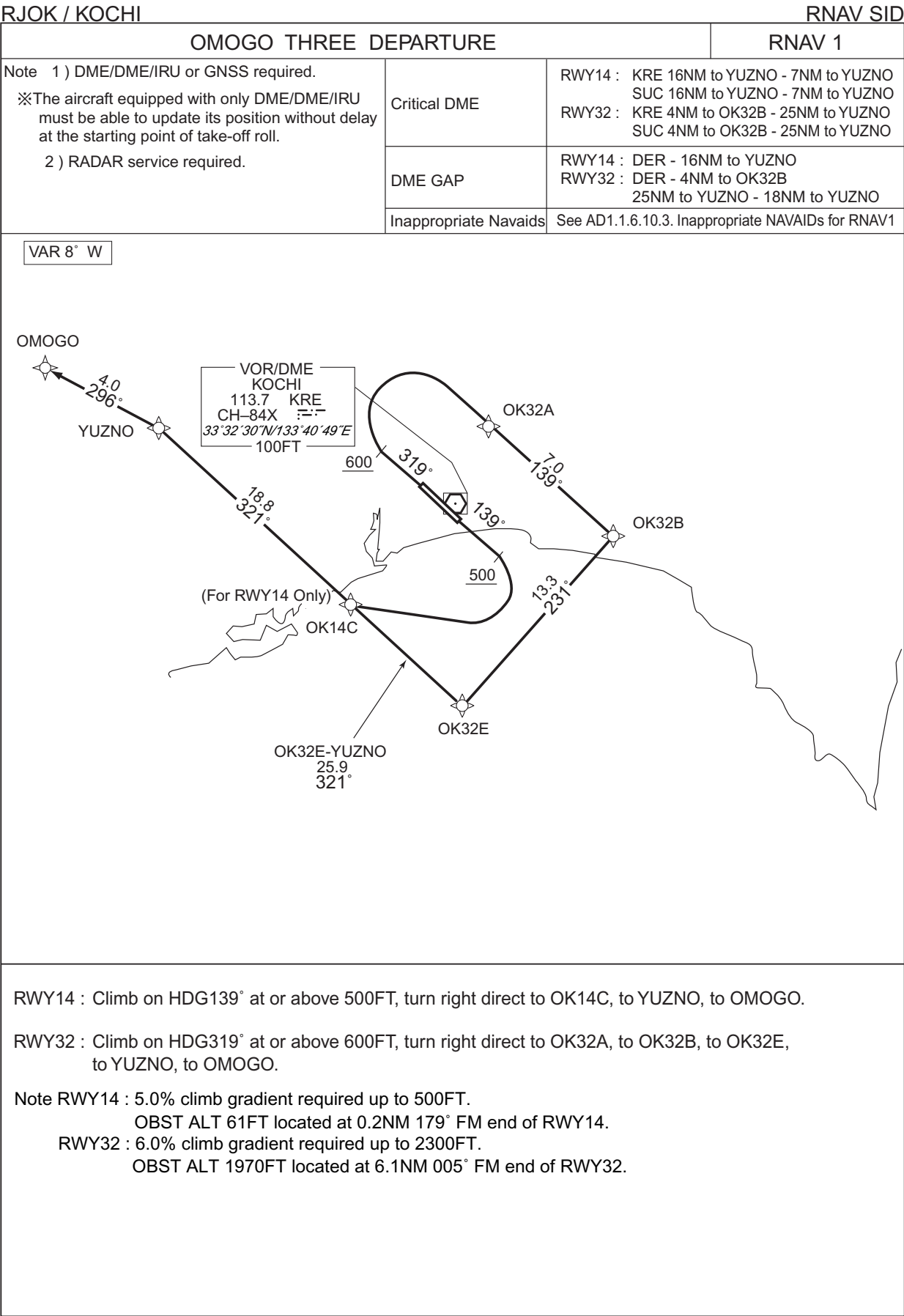
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | IF | MUROT | — | — | -7.9 | — | — | — | — | — | RNAV1 |
| 002 | TF | MIYAT | — | 101 (093.3) | -7.9 | 19.0 | — | — | — | — | RNAV1 |
| 003 | TF | MERID | — | 090 (082.0) | -7.9 | 12.3 | — | — | — | — | RNAV1 |
| 004 | TF | KEC | — | 090 (082.2) | -7.9 | 42.3 | — | — | — | — | RNAV1 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | Waypoint Identifier | Coordinates |
|---------------------|------------------------|---------------------|------------------------|
| OK14A | 332450.3N / 1334334.2E | MIYAT | 331934.3N / 1344250.9E |
| OK32A | 333615.7N / 1334417.5E | MERID | 332115.9N / 1345728.1E |
| OK32D | 332238.0N / 1340314.9E | KEC | 332651.9N / 1354740.2E |
| MUROT | 332041.6N / 1342010.7E | | |

CHANGE : PROC renamed. PROC course. VAR added. Navigation Specification. Waypoint Coordinates added.

STANDARD DEPARTURE CHART -INSTRUMENT



CHANGE : PROC renamed. VAR. PROC course. Note RWY14 added.

STANDARD DEPARTURE CHART -INSTRUMENT

RJOK / KOCHI

RNAV SID

OMOGO THREE DEPARTURE

RWY14

| 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 | — | — | 139 (130.6) | -7.9 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | OK14C | — | — | -7.9 | — | R | — | — | — | RNAV1 |
| 003 | TF | YUZNO | — | 321 (312.9) | -7.9 | 18.8 | — | — | — | — | RNAV1 |
| 004 | TF | OMOGO | — | 296 (288.5) | -7.9 | 4.0 | — | — | — | — | RNAV1 |

RWY32

| 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 | — | — | 319 (310.6) | -7.9 | — | — | +600 | — | — | RNAV1 |
| 002 | DF | OK32A | — | — | -7.9 | — | R | — | — | — | RNAV1 |
| 003 | TF | OK32B | — | 139 (130.7) | -7.9 | 7.0 | — | — | — | — | RNAV1 |
| 004 | TF | OK32E | — | 231 (222.8) | -7.9 | 13.3 | — | — | — | — | RNAV1 |
| 005 | TF | YUZNO | — | 321 (312.9) | -7.9 | 25.9 | — | — | — | — | RNAV1 |
| 006 | TF | OMOGO | — | 296 (288.5) | -7.9 | 4.0 | — | — | — | — | RNAV1 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | Waypoint Identifier | Coordinates |
|---------------------|------------------------|---------------------|------------------------|
| OK14C | 332650.1N / 1333334.8E | YUZNO | 333934.0N / 1331704.7E |
| OK32A | 333615.7N / 1334417.5E | OMOGO | 334049.7N / 1331233.1E |
| OK32B | 333143.9N / 1335036.8E | | |
| OK32E | 332159.2N / 1333949.8E | | |

CHANGE : PROC renamed. PROC course. VAR: Waypoint Coordinates added.

STANDARD DEPARTURE CHART -INSTRUMENT

RJOK / KOCHI

RNAV SID

RUSEV ONE DEPARTURE

RNAV 1

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

RWY14 : KRE 3.0NM FM DER - 10.0NM to OK400
SUC 3.0NM FM DER - 10.0NM to OK400
5.0NM to OK400 - 13.0NM to RUSEV
RWY32 : KRE 9.0NM to OK32C - OK32C
SUC 9.0NM to OK32C - 4.0NM to OK32C
5.0NM to OK400 - 13.0NM to RUSEV

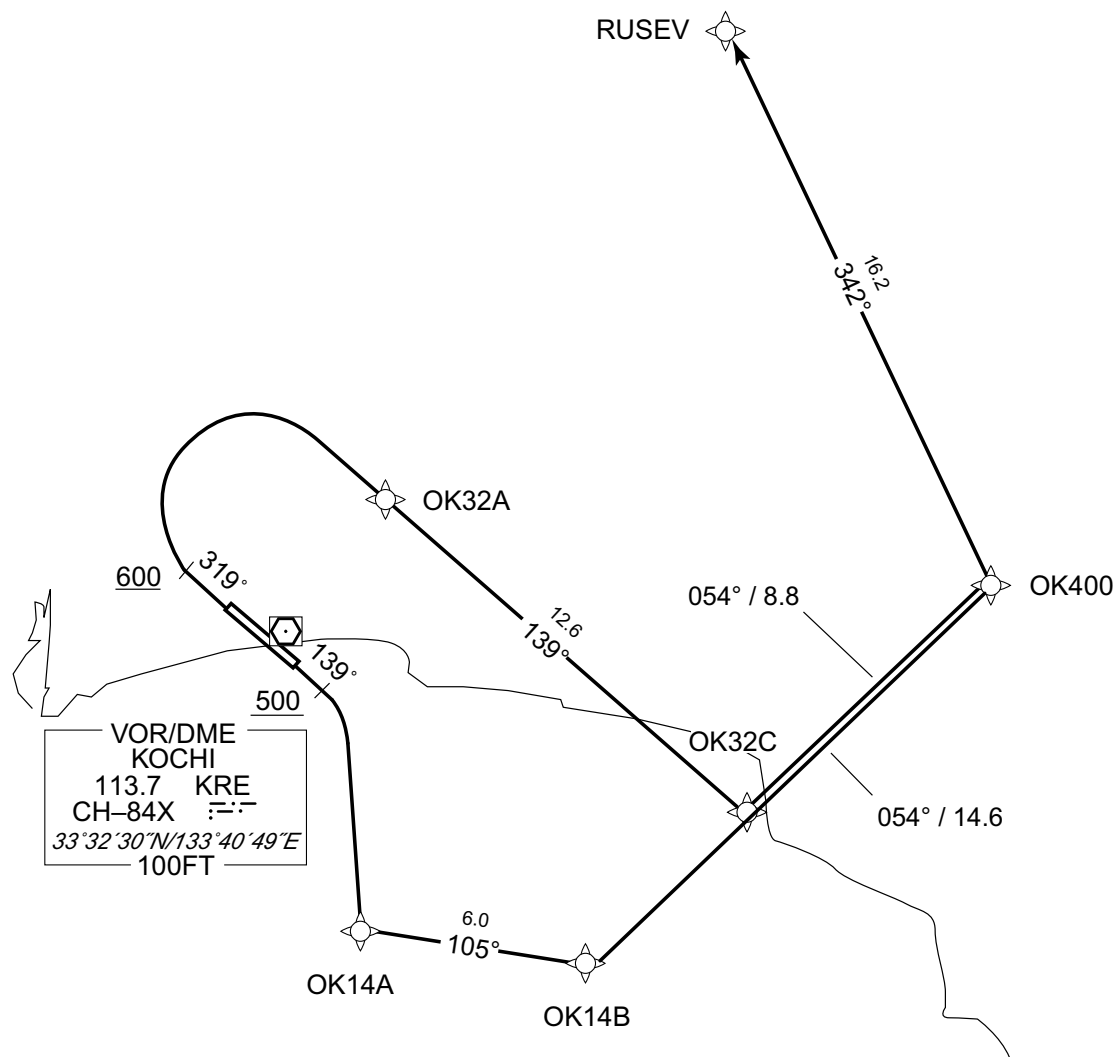
DME GAP

RWY14 : DER - 3.0NM FM DER
RWY32 : DER - 9.0NM to OK32C

Inappropriate Navaids

See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1

VAR 8° W



RWY14 : Climb on HDG139° at or above 500FT, turn right direct to OK14A, to OK14B, to OK400, to RUSEV.

RWY32 : Climb on HDG319° at or above 600FT, turn right direct to OK32A, to OK32C, to OK400, to RUSEV.

Note RWY14 : 5.0% climb gradient required up to 1200FT.

OBST ALT 61FT located at 0.2NM 179° FM end of RWY14.

OBST ALT 4560FT located at 16.9NM 068° FM end of RWY14.

RWY32 : 6.0% climb gradient required up to 2300FT.

OBST ALT 1970FT located at 6.1NM 005° FM end of RWY32.

CHANGE : New PROC.

STANDARD DEPARTURE CHART -INSTRUMENT

RJOK / KOCHI

RNAV SID

RUSEV ONE DEPARTURE

RWY14

| 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 | — | — | 139 (130.6) | -7.9 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | OK14A | — | — | -7.9 | — | R | — | — | — | RNAV1 |
| 003 | TF | OK14B | — | 105 (097.5) | -7.9 | 6.0 | — | — | — | — | RNAV1 |
| 004 | TF | OK400 | — | 054 (046.3) | -7.9 | 14.6 | — | — | — | — | RNAV1 |
| 005 | TF | RUSEV | — | 342 (334.2) | -7.9 | 16.2 | — | — | — | — | RNAV1 |

RWY32

| 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 | — | — | 319 (310.6) | -7.9 | — | — | +600 | — | — | RNAV1 |
| 002 | DF | OK32A | — | — | -7.9 | — | R | — | — | — | RNAV1 |
| 003 | TF | OK32C | — | 139 (130.7) | -7.9 | 12.6 | — | — | — | — | RNAV1 |
| 004 | TF | OK400 | — | 054 (046.3) | -7.9 | 8.8 | — | — | — | — | RNAV1 |
| 005 | TF | RUSEV | — | 342 (334.2) | -7.9 | 16.2 | — | — | — | — | RNAV1 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | Waypoint Identifier | Coordinates |
|---------------------|------------------------|---------------------|------------------------|
| OK14A | 332450.3N / 1334334.2E | OK400 | 333408.5N / 1340320.6E |
| OK14B | 332402.9N / 1335040.3E | RUSEV | 334844.3N / 1335450.3E |
| OK32A | 333615.7N / 1334417.5E | | |
| OK32C | 332804.1N / 1335542.6E | | |

CHANGE : New PROC.

STANDARD ARRIVAL CHART -INSTRUMENT

RJOK / KOCHI

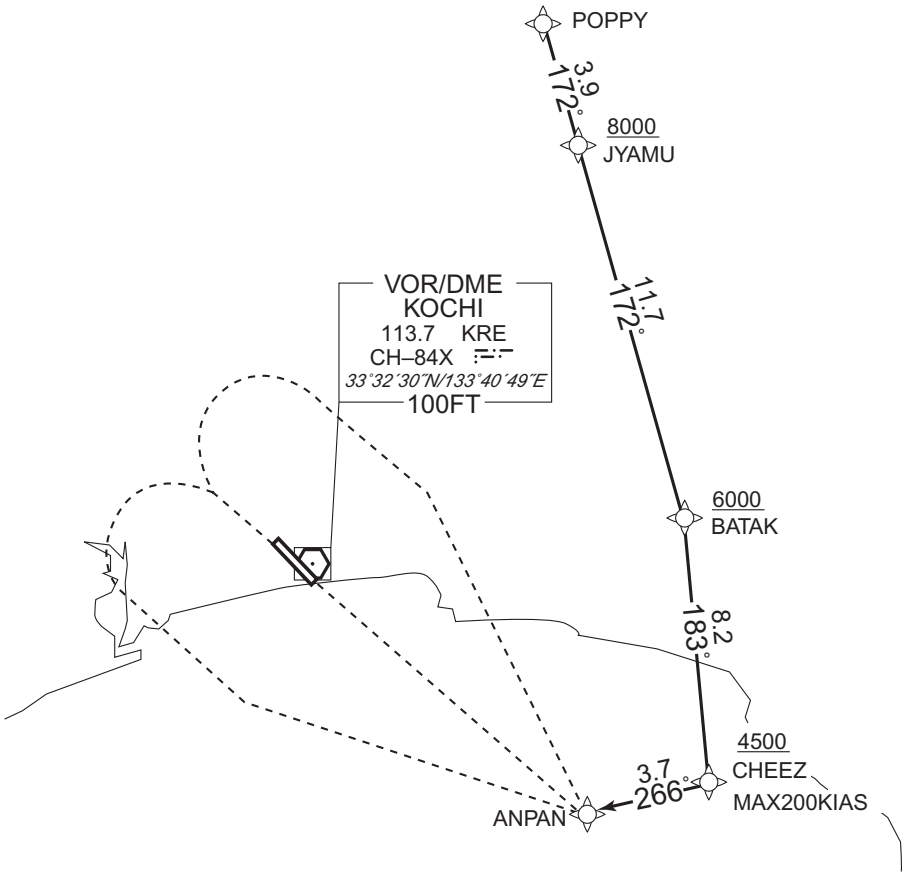
RNAV STAR

YOSAKOI NORTH ARRIVAL

RNAV 1

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

VAR 8° W



From POPPY, to JYAMU at or above 8000FT, to BATAK at or above 6000FT, to CHEEZ at or above 4500FT, to ANPAN.

| | | |
|-----------------------|---|---------------|
| Critical DME | SUC | BATAK - ANPAN |
| | KRE | BATAK - ANPAN |
| DME GAP | - | |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | |

CHANGE : VAR. PROC course.

| 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 | POPPY | — | — | -7.9 | — | — | — | — | — | RNAV1 |
| 002 | TF | JYAMU | — | 172 (164.2) | -7.9 | 3.9 | — | +8000 | — | — | RNAV1 |
| 003 | TF | BATAK | — | 172 (164.2) | -7.9 | 11.7 | — | +6000 | — | — | RNAV1 |
| 004 | TF | CHEEZ | — | 183 (175.5) | -7.9 | 8.2 | — | +4500 | -200 | — | RNAV1 |
| 005 | TF | ANPAN | — | 266 (257.6) | -7.9 | 3.7 | — | — | — | — | RNAV1 |

STANDARD ARRIVAL CHART -INSTRUMENT

RJOK / KOCHI

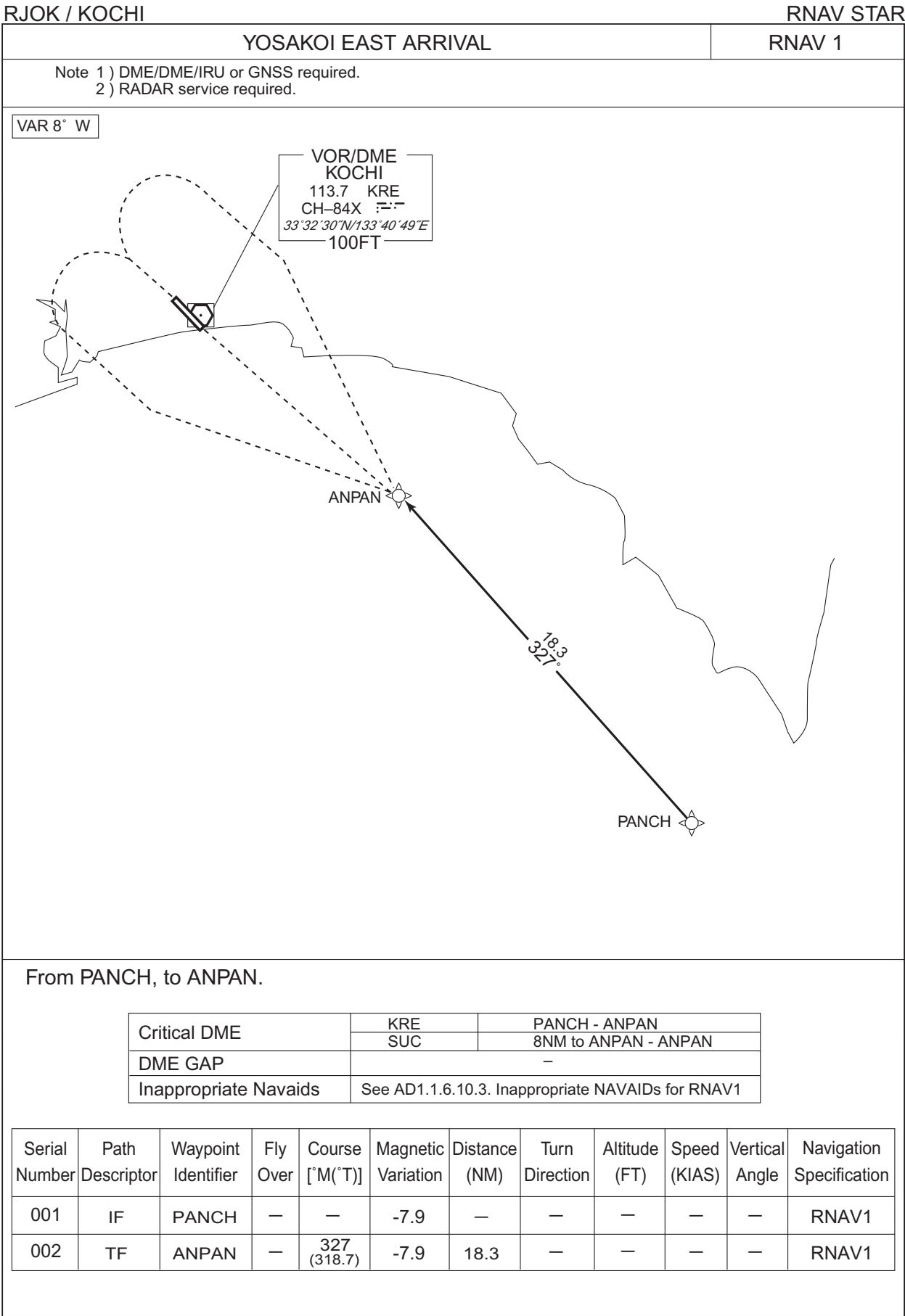
RNAV STAR

Waypoint Coordinates

| Waypoint Identifier | Coordinates | Waypoint Identifier | Coordinates |
|---------------------|------------------------|---------------------|------------------------|
| POPPY | 334905.1N / 1334915.3E | CHEEZ | 332555.0N / 1335507.1E |
| JYAMU | 334518.9N / 1335032.4E | ANPAN | 332507.5N / 1335048.5E |
| BATAK | 333404.3N / 1335421.3E | | |

CHANGE : Waypoint Coordinates added.

STANDARD ARRIVAL CHART -INSTRUMENT



STANDARD ARRIVAL CHART -INSTRUMENT

RJOK / KOCHI

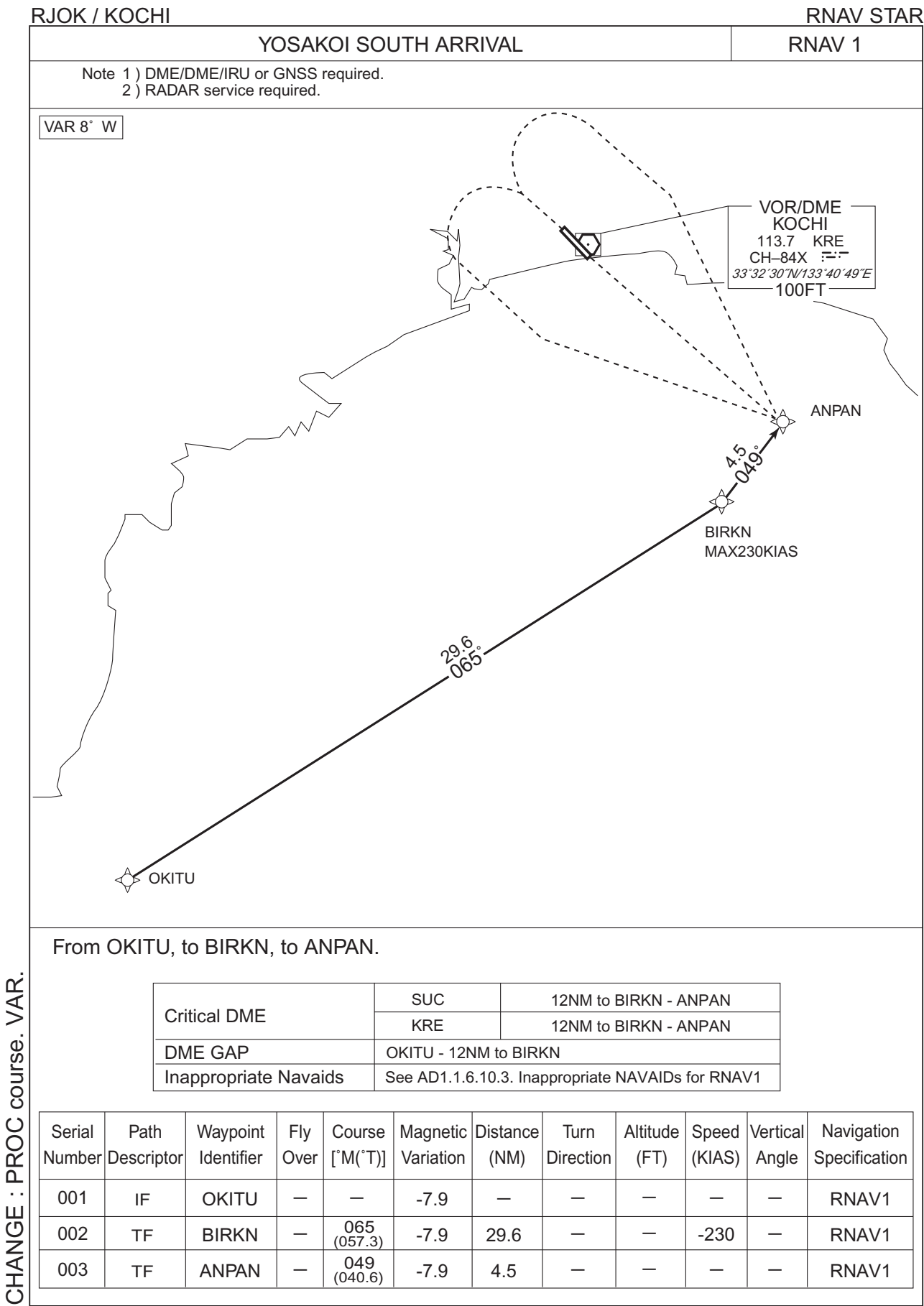
RNAV STAR

Waypoint Coordinates

| Waypoint Identifier | Coordinates | Waypoint Identifier | Coordinates |
|---------------------|------------------------|---------------------|------------------------|
| PANCH | 331121.3N / 1340517.6E | ANPAN | 332507.5N / 1335048.5E |

CHANGE : Waypoint Coordinates added.

STANDARD ARRIVAL CHART -INSTRUMENT



STANDARD ARRIVAL CHART -INSTRUMENT

RJOK / KOCHI

RNAV STAR

Waypoint Coordinates

| Waypoint Identifier | Coordinates | Waypoint Identifier | Coordinates |
|---------------------|------------------------|---------------------|------------------------|
| OKITU | 330547.5N / 1331731.5E | ANPAN | 332507.5N / 1335048.5E |
| BIRKN | 332142.6N / 1334717.9E | | |

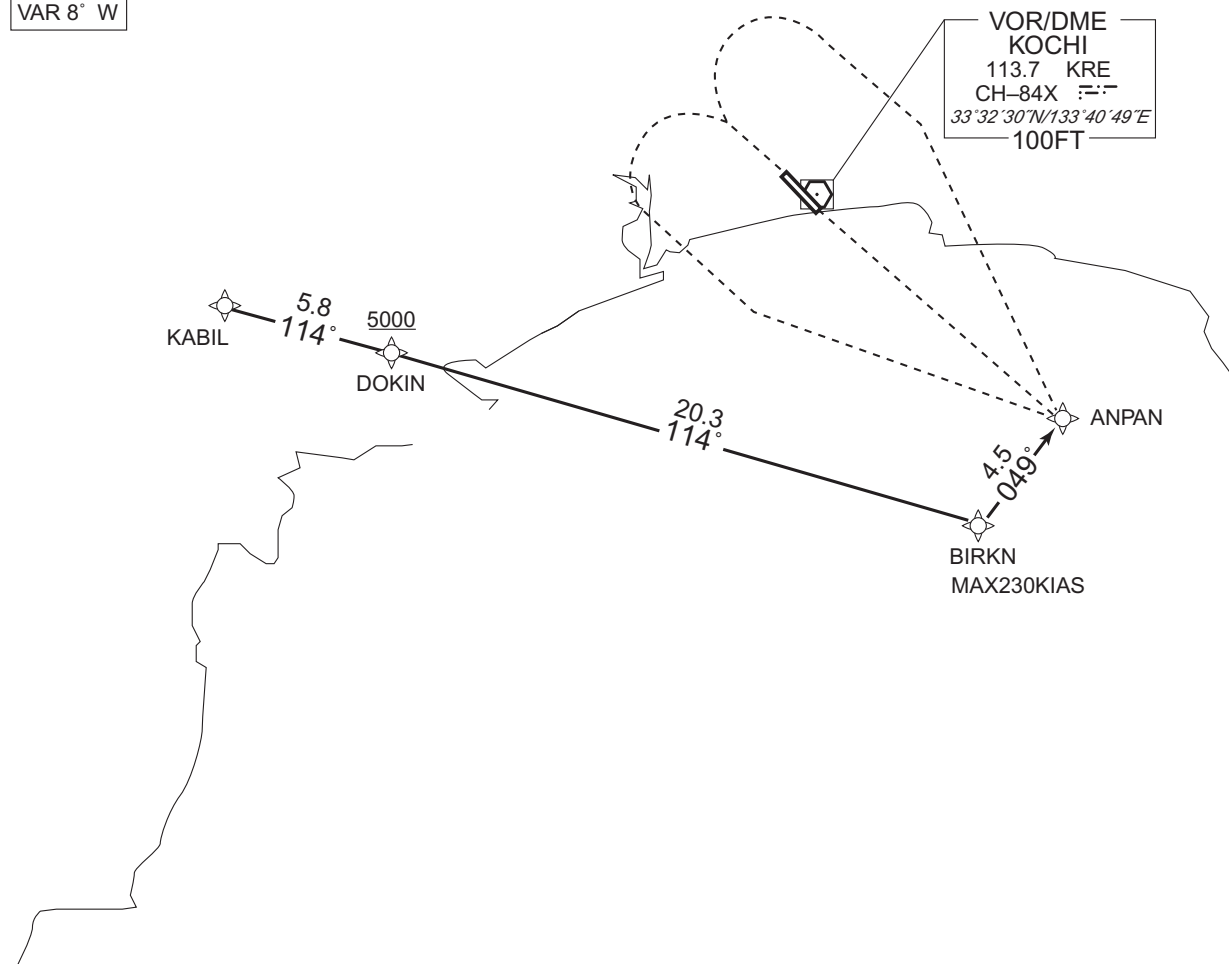
CHANGE : Waypoint Coordinates added.

RJOK / KOCHI

RNAV STAR

RNAV 1

VAR 8° W



| | | |
|-----------------------|---|--|
| Critical DME | KRE | 1NM to DOKIN - 16NM to BIRKN 7NM to BIRKN - ANPAN |
| | SUC | 1NM to DOKIN - 16NM to BIRKN 7NM to BIRKN - ANPAN |
| DME GAP | 16NM to BIRKN - 7NM to BIRKN | |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | |

CHANGE : PROC course. VAR.

| 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 | KABIL | — | — | -7.9 | — | — | — | — | — | RNAV1 |
| 002 | TF | DOKIN | — | 114 (105.9) | -7.9 | 5.8 | — | +5000 | — | — | RNAV1 |
| 003 | TF | BIRKN | — | 114 (105.9) | -7.9 | 20.3 | — | — | -230 | — | RNAV1 |
| 004 | TF | ANPAN | — | 049 (040.6) | -7.9 | 4.5 | — | — | — | — | RNAV1 |

STANDARD ARRIVAL CHART -INSTRUMENT

RJOK / KOCHI

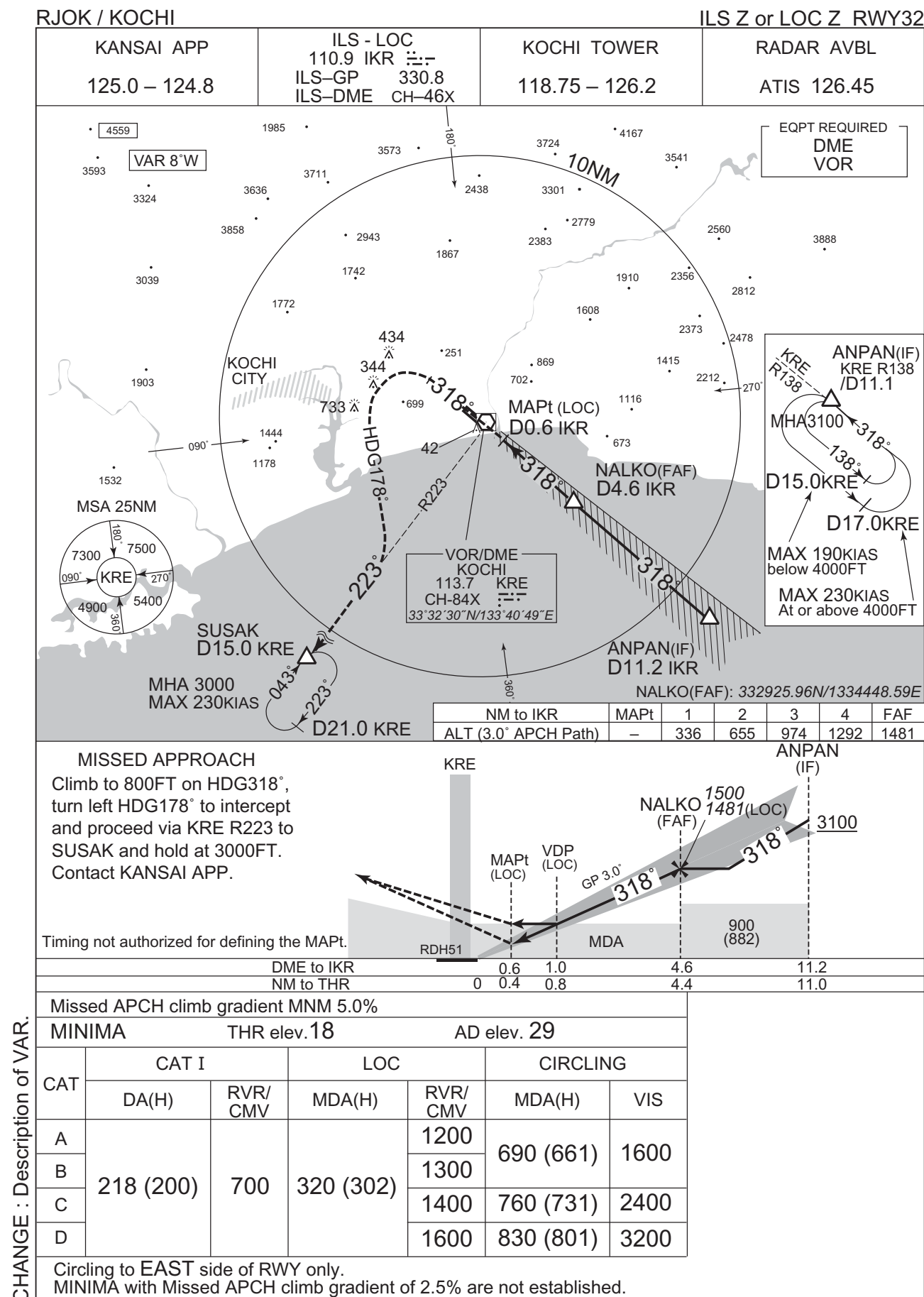
RNAV STAR

Waypoint Coordinates

| Waypoint Identifier | Coordinates | Waypoint Identifier | Coordinates |
|---------------------|------------------------|---------------------|------------------------|
| KABIL | 332854.0N / 1331717.4E | BIRKN | 332142.6N / 1334717.9E |
| DOKIN | 332718.9N / 1332357.6E | ANPAN | 332507.5N / 1335048.5E |

CHANGE : Waypoint Coordinates added.

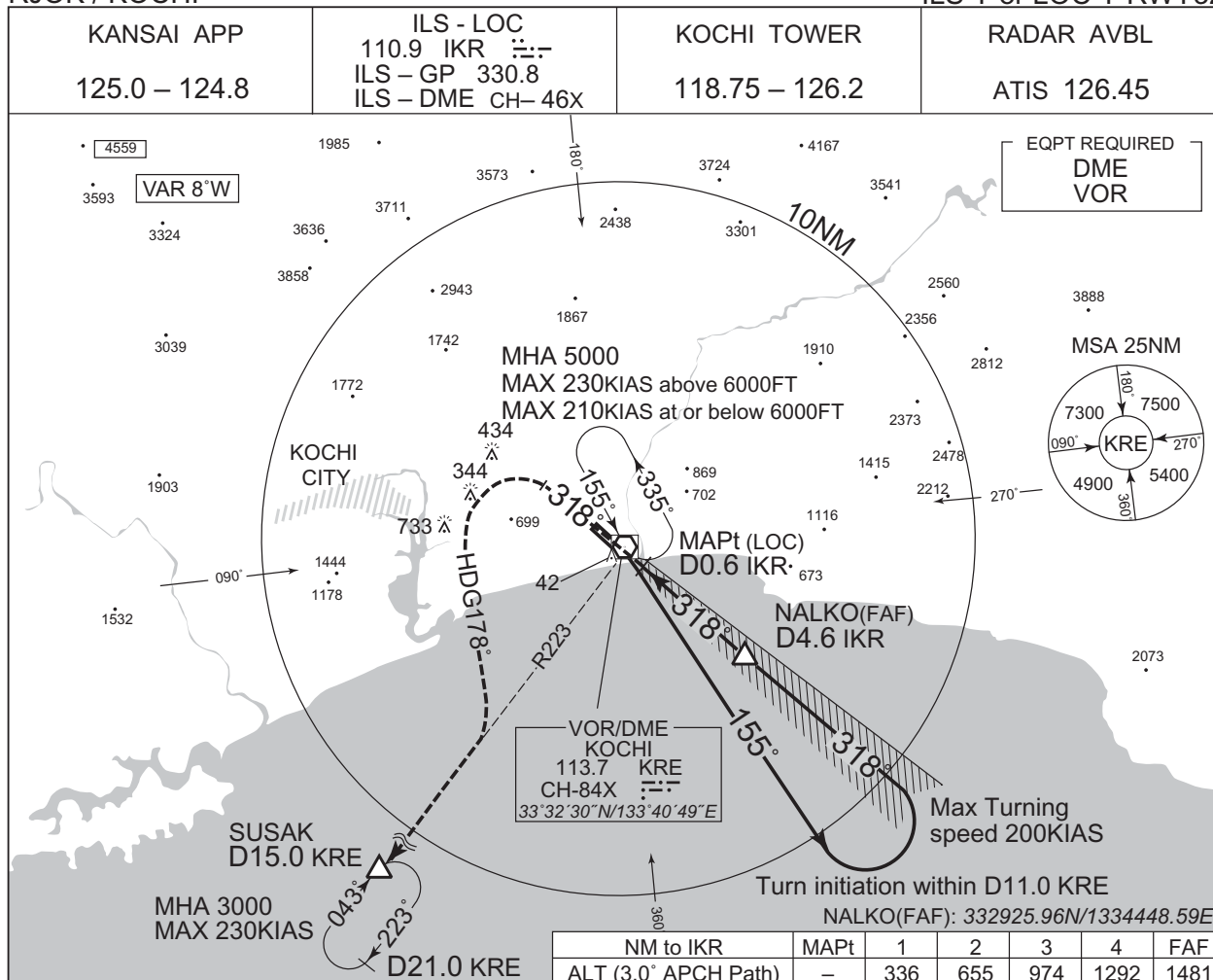
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJOK / KOCHI

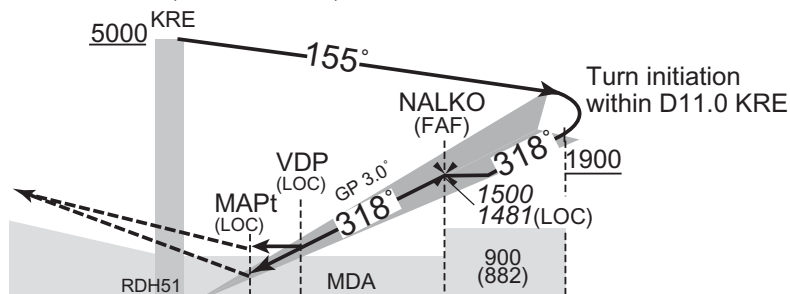
ILS Y or LOC Y RWY32



MISSED APPROACH

Climb to 800FT on HDG318°, turn left HDG178° to intercept and proceed via KRE R223 to SUSAK and hold at 3000FT. Contact KANSAI APP.

Timing not authorized for defining the MAPt.



| | | | | |
|------------|-----|-----|-----|-----|
| DME to IKR | 0.6 | 1.0 | 4.6 | |
| NM to THR | 0 | 0.4 | 0.8 | 4.4 |

Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 18 AD elev. 29

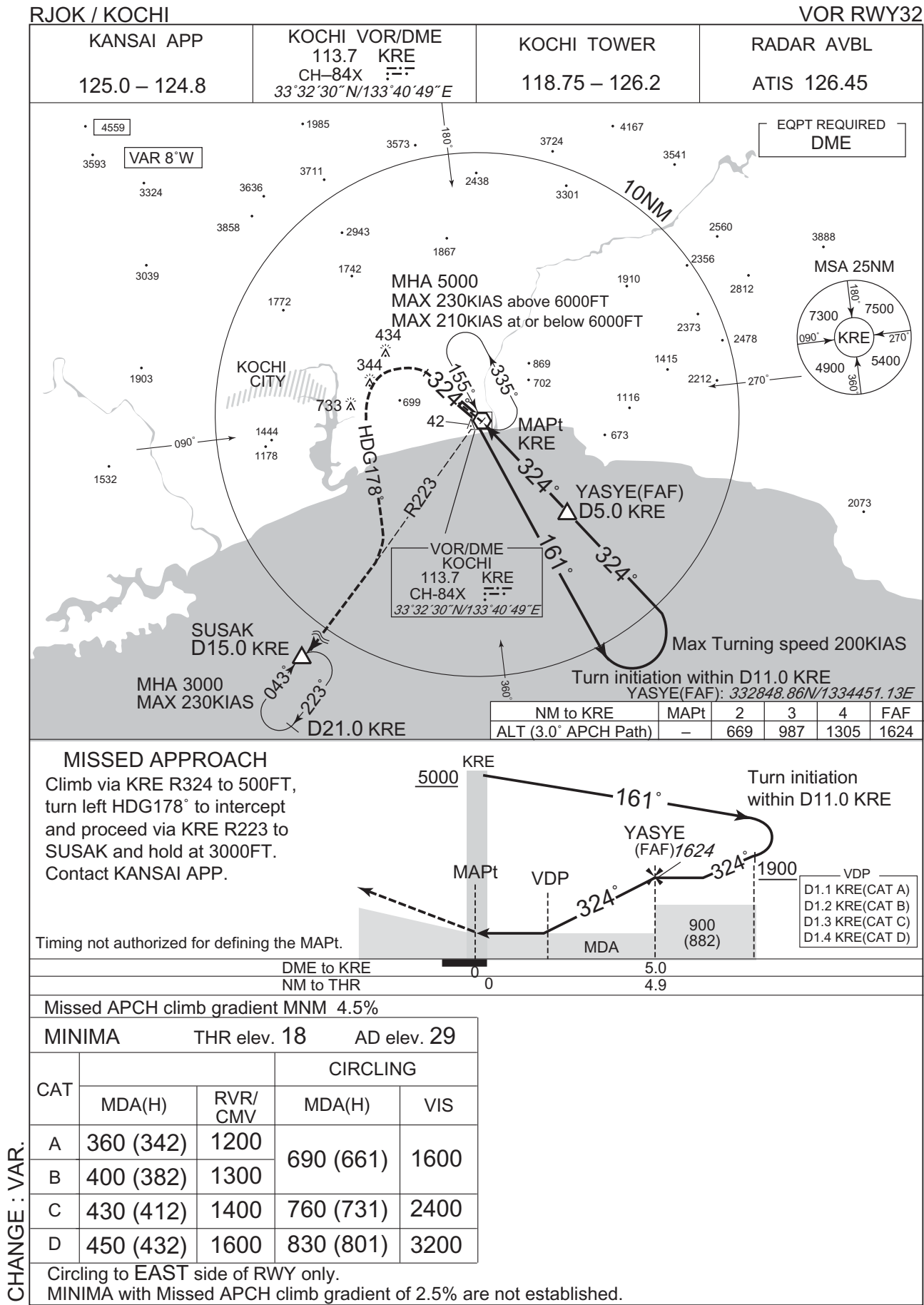
| CAT | CAT I | | LOC | | CIRCLING | |
|-----|-----------|---------|-----------|---------|-----------|------|
| | DA(H) | RVR/CMV | MDA(H) | RVR/CMV | MDA(H) | VIS |
| A | 218 (200) | 700 | 320 (302) | 1200 | 690 (661) | 1600 |
| B | | | | 1300 | | |
| C | | | | 1400 | | |
| D | | | | 1600 | | |

Circling to EAST side of RWY only.

MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : Description of VAR.

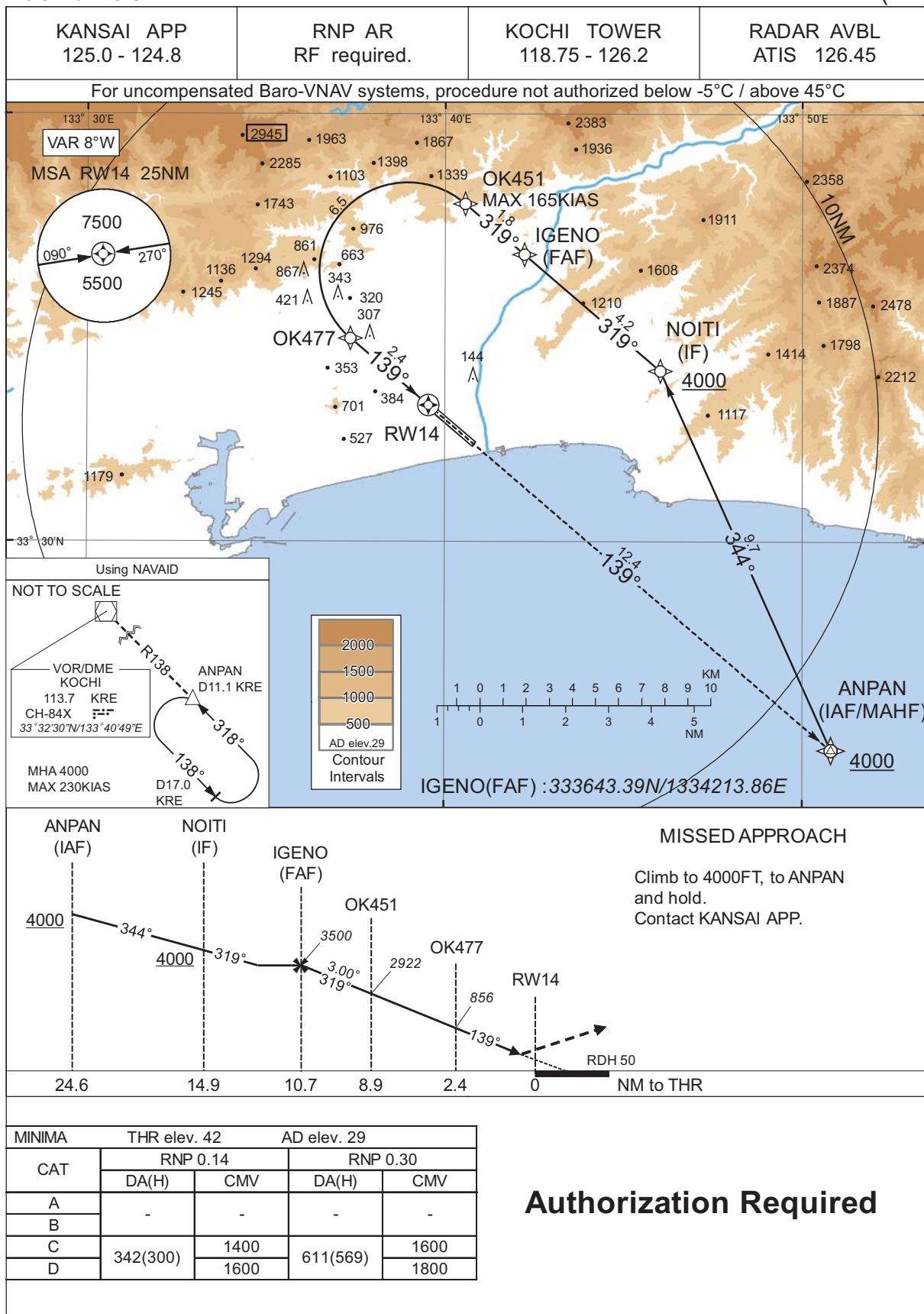
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJOK / KOCHI

RNP Z RWY14(AR)



CHANGE : PROC course. VAR. MSA. RNAV HLDG abolished.

INSTRUMENT APPROACH CHART

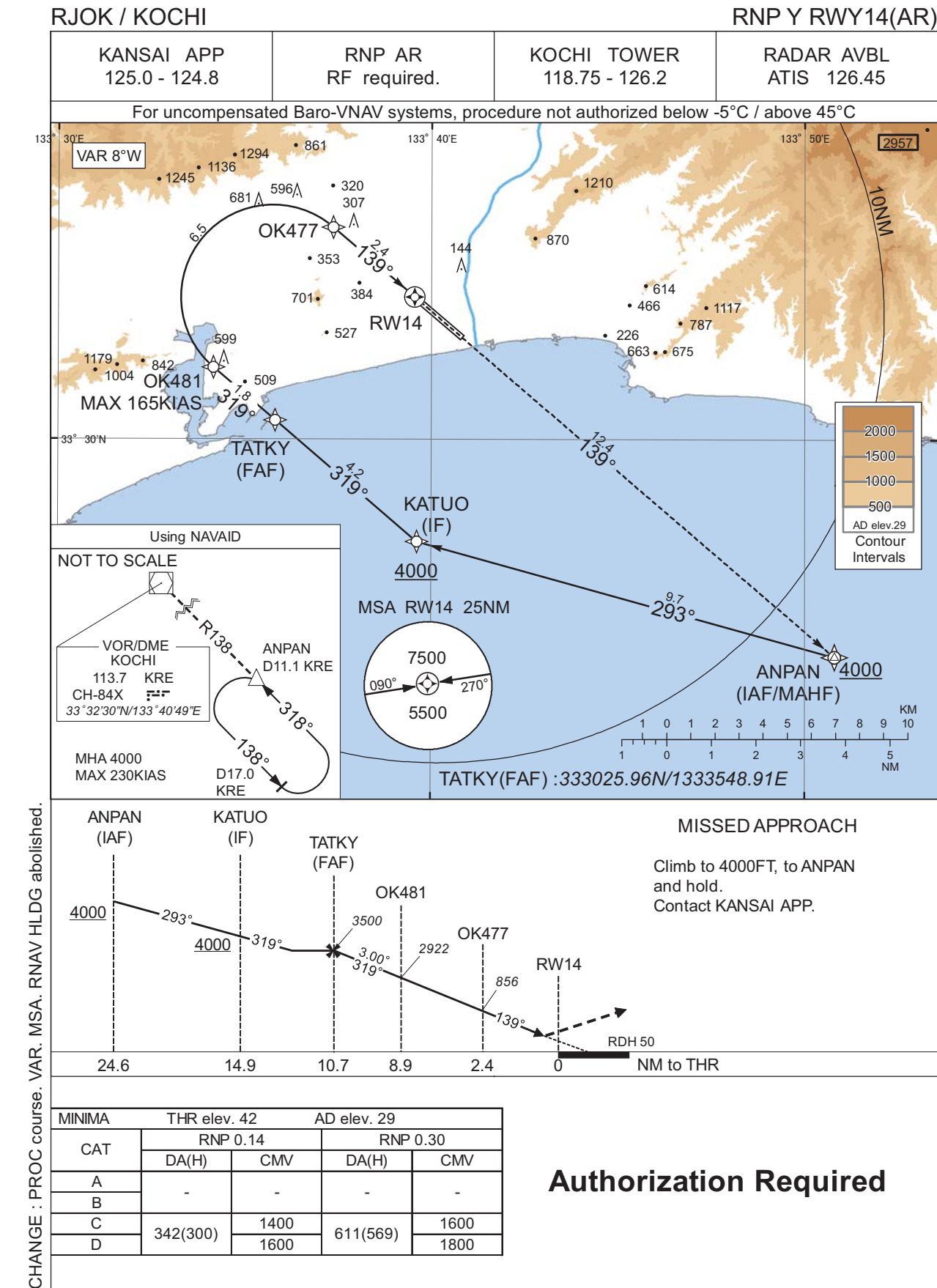
RJOK / KOCHI

RNP Z RWY14(AR)

| Coding Table | | | | | | | | | | | |
|----------------------|------------------------------------|--------------------------|----------|--------------------------|--------------------|--------------------------|----------------|---------------|--------------|-----------------|--------------|
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH (°/FT) | RNP Value |
| 001 | IF | ANPAN | - | - | -7.9 | - | - | +4000 | - | - | - |
| 002 | TF | NOITI | - | 344 (335.9) | -7.9 | 9.7 | - | +4000 | - | - | 1.0 |
| 003 | TF | IGENO | - | 319 (310.7) | -7.9 | 4.2 | - | 3500 | - | - | 1.0 |
| 004 | TF | OK451 | - | 319 (310.7) | -7.9 | 1.8 | - | 2922 | -165 | -3.00 | 0.14 0.30 |
| 005 | RF Center: OKRF1 r=2.07NM | OK477 | - | - | -7.9 | 6.5 | L | 856 | - | -3.00 | 0.14 0.30 |
| 006 | TF | RW14 | Y | 139 (130.6) | -7.9 | 2.4 | - | 92 | - | -3.00/50 | 0.14 0.30 |
| 007 | TF | ANPAN | - | 139 (130.6) | -7.9 | 12.4 | - | 4000 | - | - | 1.0 |
| Waypoint Coordinates | | | | | | | | | | | |
| Waypoint Identifier | | Coordinates | | RF Arc Center Identifier | | Coordinates | | | | | |
| ANPAN | | 332507.54N / 1335048.52E | | OKRF1 | | 333620.13N / 1333858.11E | | | | | |
| NOITI | | 333400.03N / 1334602.07E | | | | | | | | | |
| IGENO | | 333643.39N / 1334213.86E | | | | | | | | | |
| OK451 | | 333754.48N / 1334034.43E | | | | | | | | | |
| OK477 | | 333445.76N / 1333721.85E | | | | | | | | | |
| RW14 | | 333312.04N / 1333932.98E | | | | | | | | | |

CHANGE : PROC course. VAR.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJOK / KOCHI

RNP Y RWY14(AR)

| Coding Table | | | | | | | | | | | |
|----------------------|------------------------------------|--------------------------|----------|--------------------------|--------------------|--------------------------|----------------|---------------|--------------|-----------------|--------------|
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH (°/FT) | RNP Value |
| 001 | IF | ANPAN | - | - | -7.9 | - | - | +4000 | - | - | - |
| 002 | TF | KATUO | - | 293 (285.5) | -7.9 | 9.7 | - | +4000 | - | - | 1.0 |
| 003 | TF | TATKY | - | 319 (310.6) | -7.9 | 4.2 | - | 3500 | - | - | 1.0 |
| 004 | TF | OK481 | - | 319 (310.6) | -7.9 | 1.8 | - | 2922 | -165 | -3.00 | 0.14 0.30 |
| 005 | RF Center: OKRF2 r=2.07NM | OK477 | - | - | -7.9 | 6.5 | R | 856 | - | -3.00 | 0.14 0.30 |
| 006 | TF | RW14 | Y | 139 (130.6) | -7.9 | 2.4 | - | 92 | - | -3.00/50 | 0.14 0.30 |
| 007 | TF | ANPAN | - | 139 (130.6) | -7.9 | 12.4 | - | 4000 | - | - | 1.0 |
| Waypoint Coordinates | | | | | | | | | | | |
| Waypoint Identifier | | Coordinates | | RF Arc Center Identifier | | Coordinates | | | | | |
| ANPAN | | 332507.54N / 1335048.52E | | OKRF2 | | 333311.37N / 1333545.65E | | | | | |
| KATUO | | 332742.79N / 1333937.02E | | | | | | | | | |
| TATKY | | 333025.96N / 1333548.91E | | | | | | | | | |
| OK481 | | 333136.96N / 1333409.51E | | | | | | | | | |
| OK477 | | 333445.76N / 1333721.85E | | | | | | | | | |
| RW14 | | 333312.04N / 1333932.98E | | | | | | | | | |

CHANGE : PROC course. VAR.

RJOK / KOCHI

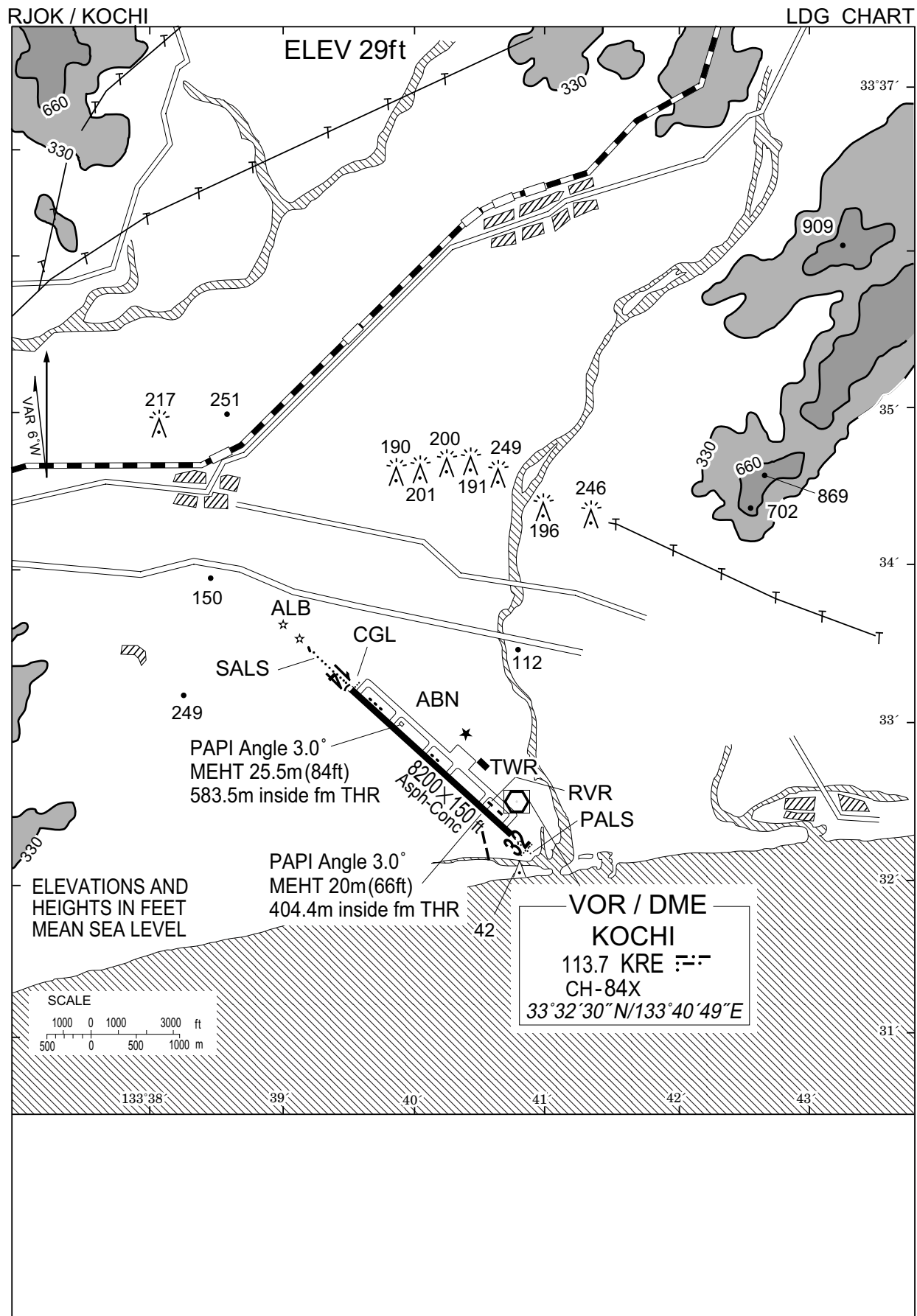
Visual REP



※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: Call sign(Kochi city → Kochi Station). Remarks(Geisei, Yokonami).

| Call sign | BRG / DIST from ARP | Remarks |
|----------------------|---------------------|--|
| 植野 Ueno | 349°T / 5.0NM | ゴルフ場 Golf Course |
| 工科大 Kokadai | 029°T / 5.2NM | 高知工科大学 Kochi University of Technology |
| 高知駅 Kochi Station | 281°T / 6.4NM | JR高知駅 Station |
| 芸西 Geisei | 104°T / 6.0NM | ホテル Hotel |
| 桂浜 Katsurahama | 242°T / 5.8NM | 浦戸大橋 Bridge |
| 安芸 Aki | 104°T / 12.5NM | 安芸川河口 River mouth |
| 横浪 Yokonami | 236°T / 13.0NM | ホテル Hotel |



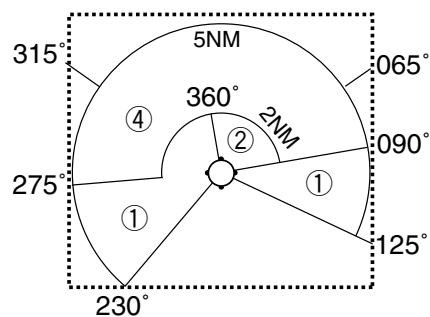
RJOK / KOCHI

Minimum Vectoring Altitude CHART

VAR 7°W (2009)



- ① 2000
- ② 2300
- ③ 2500
- ④ 3000
- ⑤ 3500
- ⑥ 4000
- ⑦ 4500



CENTER : 333245N/1334039E (RADAR SITE)