

RJOB / OKAYAMA

AD CHART

CHANGE : Spot 1A, 1B installed.



INTENTIONALLY LEFT BLANK

DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATING LIMITATIONS)



DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATING LIMITATIONS)

MAGNETIC VARIATION 8° W-MAR 2017



DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

AERODROME OBSTACLE CHART-ICAO TYPE B



STANDARD DEPARTURE CHART - INSTRUMENT

RJOB / OKAYAMA

SID

KIBI REVERSAL SIX DEPARTURE

RWY 07 : Climb RWY HDG to 1400FT, via OYE R071 to 9.0DME, turn right,...
RWY 25 : Climb RWY HDG to 1400FT, turn left, via OYE R226 to 6.0DME, turn left,...
...direct to OYE VOR/DME.
Cross OYE VOR/DME at or above 5000FT.

Note RWY07 : 5.3% climb gradient required up to 1400FT.

OBST ALT 1083FT located at 1.0NM 047° FM end of RWY07.

RWY25 : 4.0% climb gradient required up to 1400FT.

OBST ALT 1017FT located at 1.1NM 228° FM end of RWY25.

CHANGE : Description of PROC name.



STANDARD DEPARTURE CHART - INSTRUMENT

RJOB / OKAYAMA

SID

CHIZU TWO DEPARTURE

RWY 07 : Climb RWY HDG to 1400FT, via OYE R071 to CHIZU.
 Cross OYE R071/20.0DME at or above 11000FT.

RWY 25 : Climb RWY HDG to 1400FT, turn left, via OYE R226 to 6.0DME, turn left,
 direct to OYE VOR/DME, via OYE R071 to CHIZU.

Cross OYE VOR/DME at or above 5000FT.
 Cross OYE R071/20.0DME at or above 11000FT.

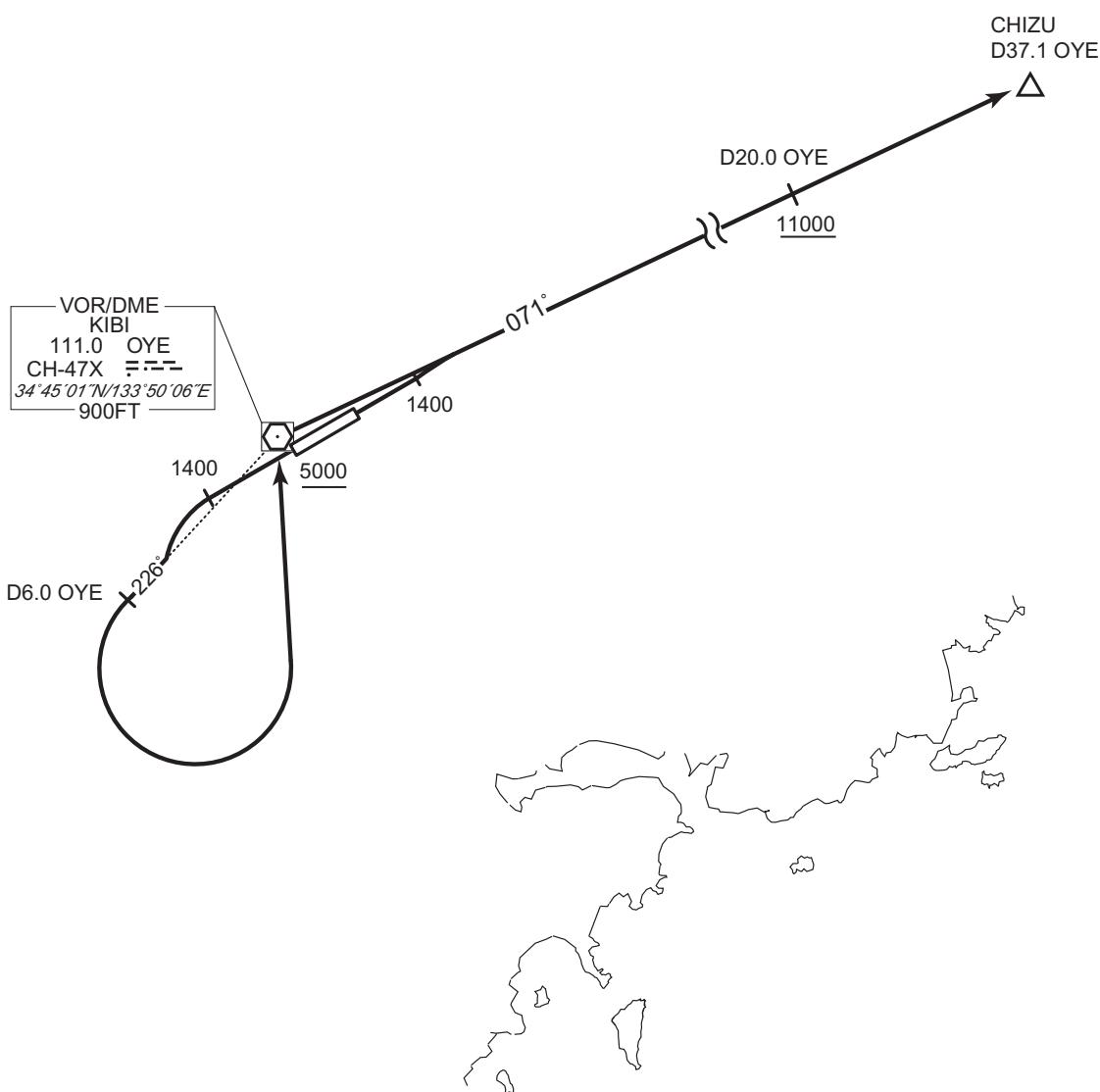
Note RWY07 : 5.3% climb gradient required up to 1400FT.

OBST ALT 1083FT located at 1.0NM 047° FM end of RWY07.

RWY25 : 4.0% climb gradient required up to 1400FT.

OBST ALT 1017FT located at 1.1NM 228° FM end of RWY25.

CHANGE : Description of PROC name.



STANDARD DEPARTURE CHART - INSTRUMENT

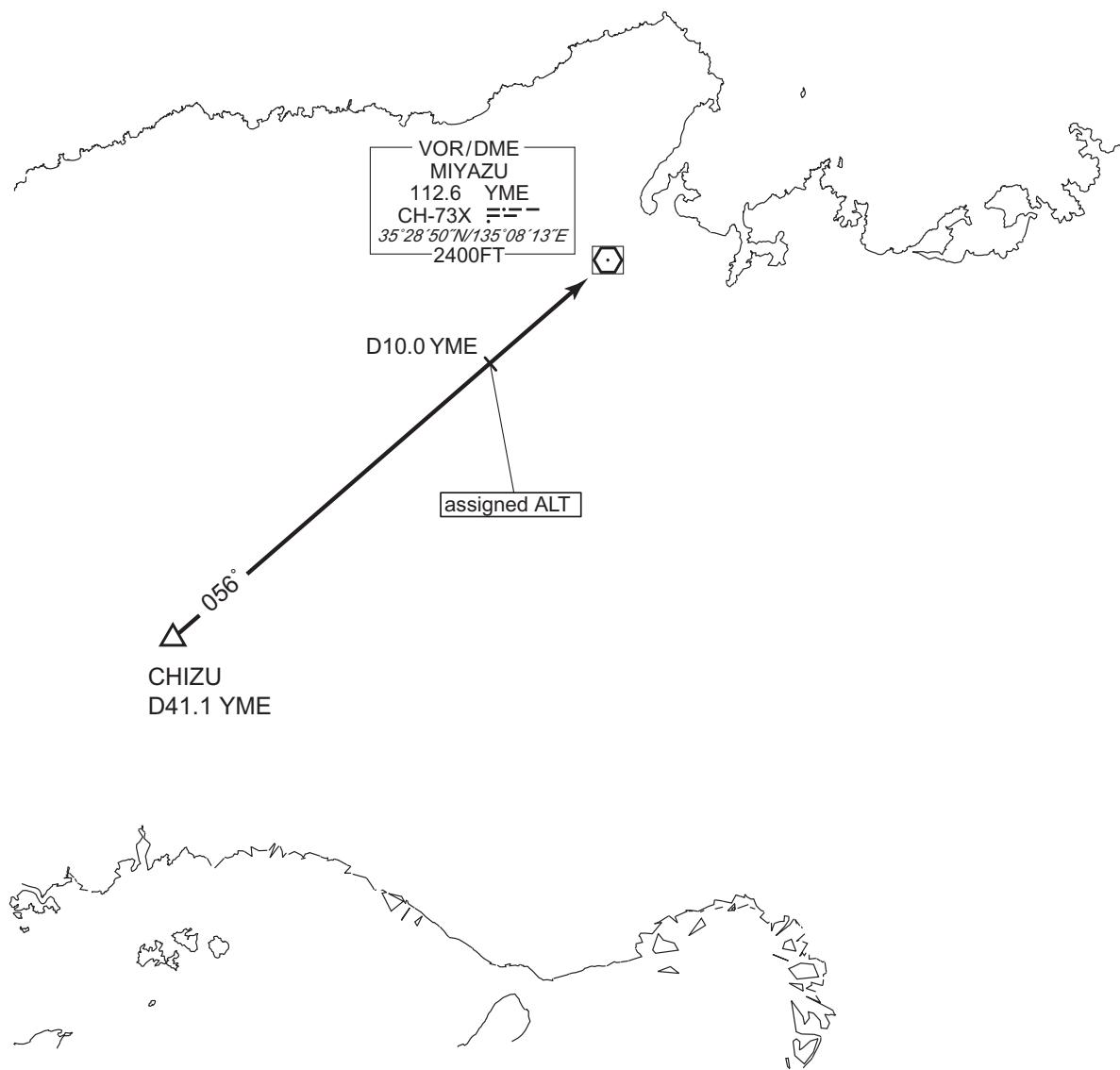
RJOB / OKAYAMA

TRANSITION

MIYAZU TRANSITION

From over CHIZU, via YME R236 to YME VOR/DME.
Cross YME R236/10.0DME at assigned altitude.

CHANGE : Description of PROC name.



STANDARD DEPARTURE CHART - INSTRUMENT

RJOB / OKAYAMA

RNAV SID and TRANSITION

OLIVE THREE DEPARTURE
SANDA TRANSITION

Basic RNP1

Note GNSS required.

VAR 8°W

VOR/DME
KIBI
111.0 OYE
CH-47X 34°45'01"N/133°50'06"E
900FT

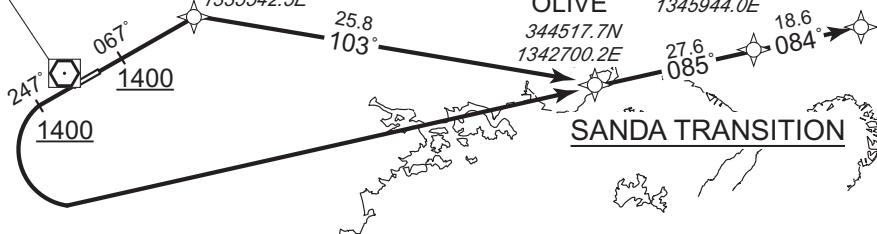
OLIVE THREE DEPARTURE

OB700
344734.2N
1335542.5E

OLIVE
344517.7N
1342700.2E

HYOGO
345130.6N
1345944.0E

SANDA
345550.2N
1352143.9E

OLIVE THREE DEPARTURE

RWY07 : Climb on HDG067° at or above 1400FT, direct to OB700, to OLIVE.
RWY25 : Climb on HDG247° at or above 1400FT, turn left direct to OLIVE.

Note RWY07 : 5.4% climb gradient required up to 1400FT.

RWY25 : 4.0% climb gradient required up to 1600FT.

OBST ALT 1922FT located at 5.0NM 104° FM end of RWY25.

SANDA TRANSITION

From OLIVE, to HYOGO, to SANDA.

CHANGE : SHTLE TRANSITION abolished.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOB / OKAYAMA

RNAV SID and TRANSITION

OLIVE THREE DEPARTURE

RWY07

| 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 | — | — | 067 (059.1) | -8.1 | — | — | +1400 | — | — | Basic RNP1 |
| 002 | DF | OB700 | — | — | -8.1 | — | — | — | — | — | Basic RNP1 |
| 003 | TF | OLIVE | — | 103 (094.9) | -8.1 | 25.8 | — | — | — | — | Basic RNP1 |

RWY25

| 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 | — | — | 247 (239.1) | -8.1 | — | — | +1400 | — | — | Basic RNP1 |
| 002 | DF | OLIVE | — | — | -8.1 | — | L | — | — | — | Basic 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 | OLIVE | — | — | -8.1 | — | — | — | — | — | Basic RNP1 |
| 002 | TF | HYOGO | — | 085 (076.8) | -8.1 | 27.6 | — | — | — | — | Basic RNP1 |
| 003 | TF | SANDA | — | 084 (076.4) | -8.1 | 18.6 | — | — | — | — | Basic RNP1 |

CHANGE : SHTLE TRANSITION abolished.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOB / OKAYAMA

RNAV SID

WASYU TWO DEPARTURE

Basic RNP1

Note GNSS required.

VAR 8°W

VOR/DME
KIBI
111.0 OYE
CH-47X
34°45'01"N/133°50'06"E
900FT

067°
1400
1400



RWY07 : Climb on HDG067° at or above 1400FT, turn right direct to DANGO at or above 7000FT, to WASYU.

RWY25 : Climb on HDG247° at or above 1400FT, turn left direct to DANGO at or above 7000FT, to WASYU.

Note RWY07 : 5.4% climb gradient required up to 2300FT.

OBST ALT 1922FT located at 3.8NM 118° FM end of RWY07.

RWY25 : 4.0% climb gradient required up to 1400FT.

OBST ALT 1018FT located at 1.1NM 227° FM end of RWY25.

RWY07

| 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 | — | — | 067 (059.1) | -8.1 | — | — | +1400 | — | — | Basic RNP1 |
| 002 | DF | DANGO | — | — | -8.1 | — | R | +7000 | — | — | Basic RNP1 |
| 003 | TF | WASYU | — | 256 (248.3) | -8.1 | 12.3 | — | — | — | — | Basic RNP1 |

RWY25

| 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 | — | — | 247 (239.1) | -8.1 | — | — | +1400 | — | — | Basic RNP1 |
| 002 | DF | DANGO | — | — | -8.1 | — | L | +7000 | — | — | Basic RNP1 |
| 003 | TF | WASYU | — | 256 (248.3) | -8.1 | 12.3 | — | — | — | — | Basic RNP1 |

CHANGE : Description of VAR and PROC name.

INSTRUMENT APPROACH CHART

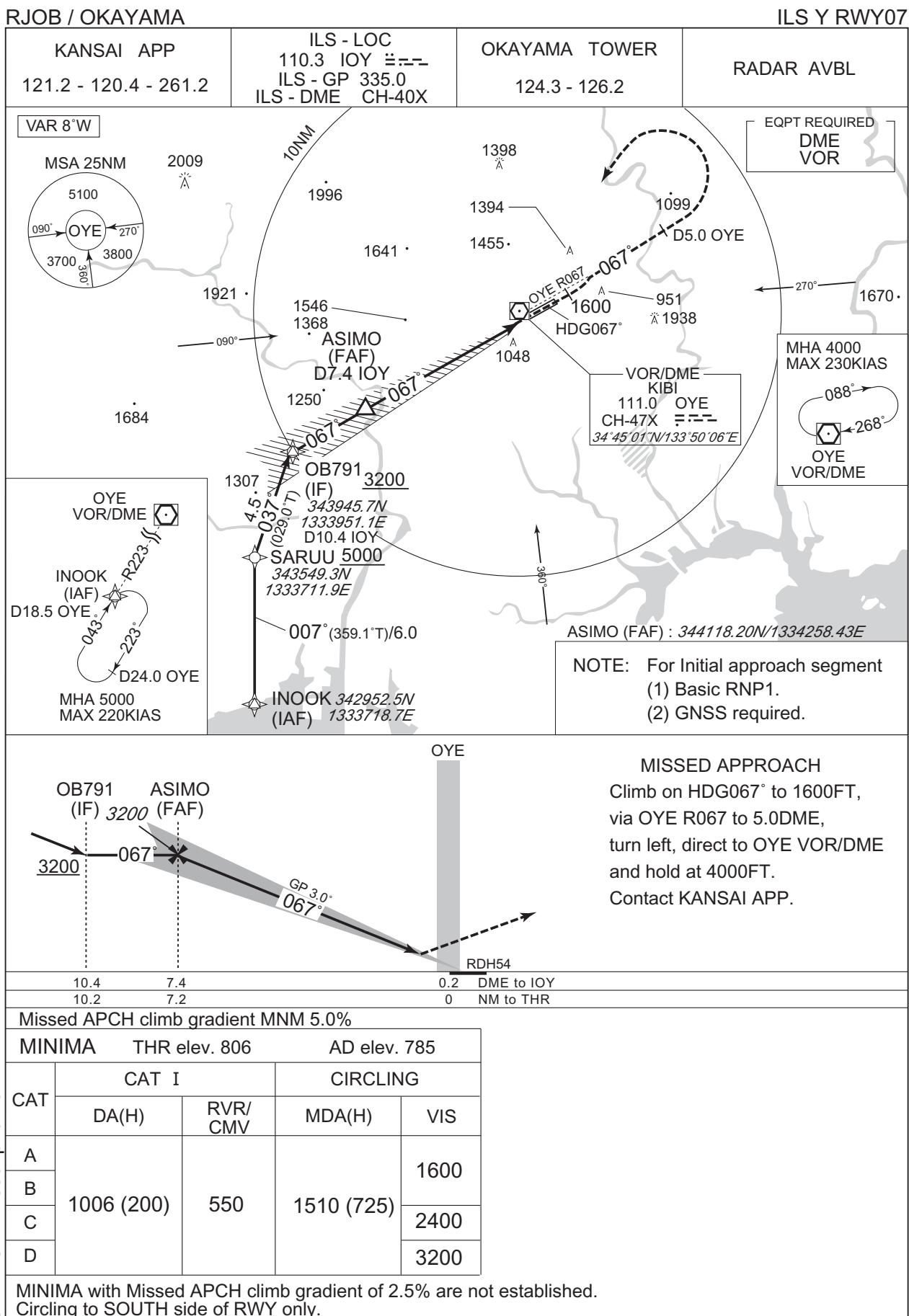
RJOB / OKAYAMA

ILS Z RWY07

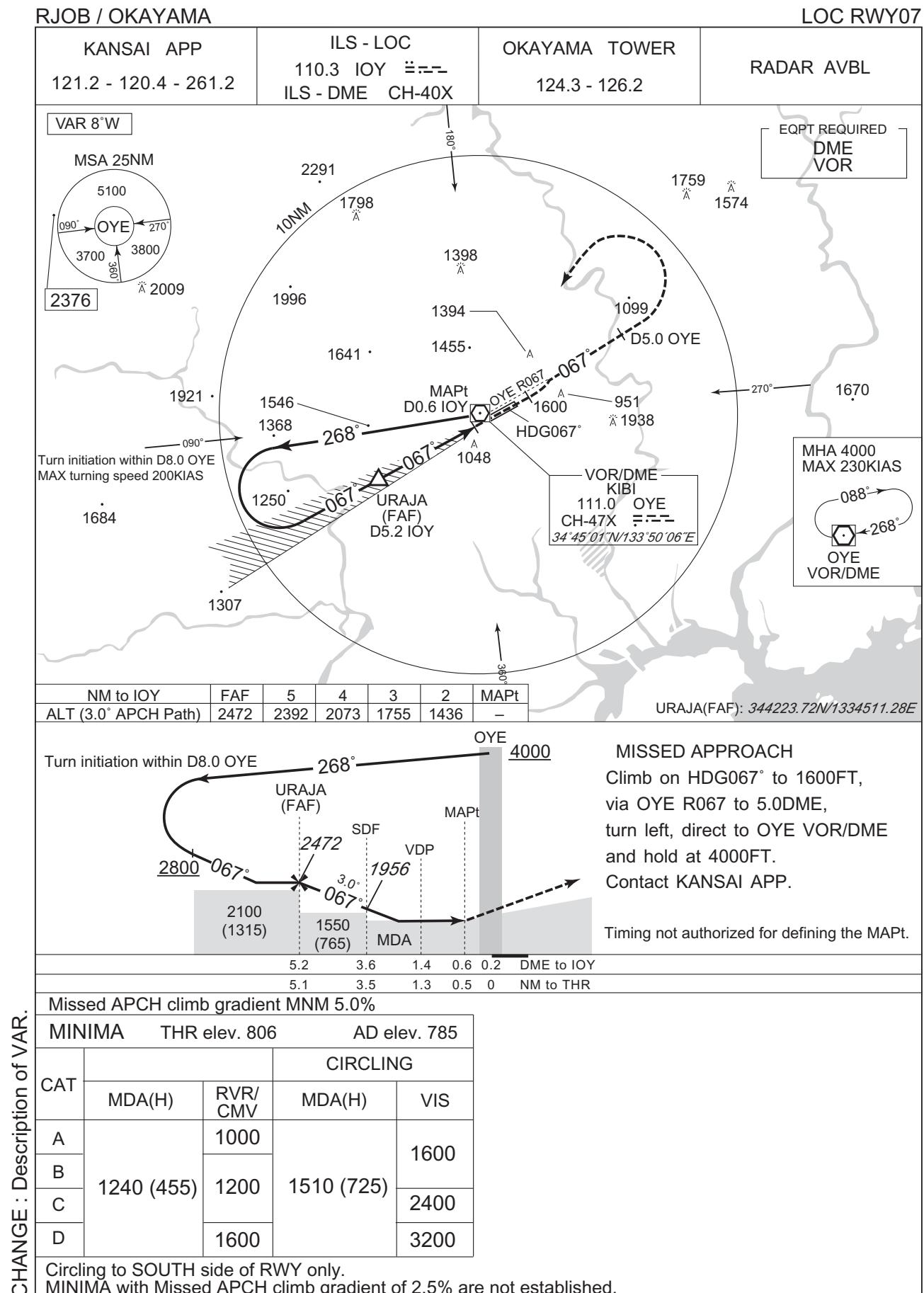


CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

VOR RWY07



INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

VOR RWY25

KANSAI APP 121.2 - 120.4 - 261.2 **KIBI VOR/DME** 111.0 OYE CH-47X **OKAYAMA TOWER** 124.3 - 126.2 **RADAR AVBL**

VAR 8°W

MISSED APPROACH
Climb via OYE R252 to 5.0DME, turn right, direct to OYE VOR/DME and hold at 4000FT.
Contact KANSAI APP.

Timing not authorized for defining the MAPt.

MINIMA THR elev. 804 AD elev. 785

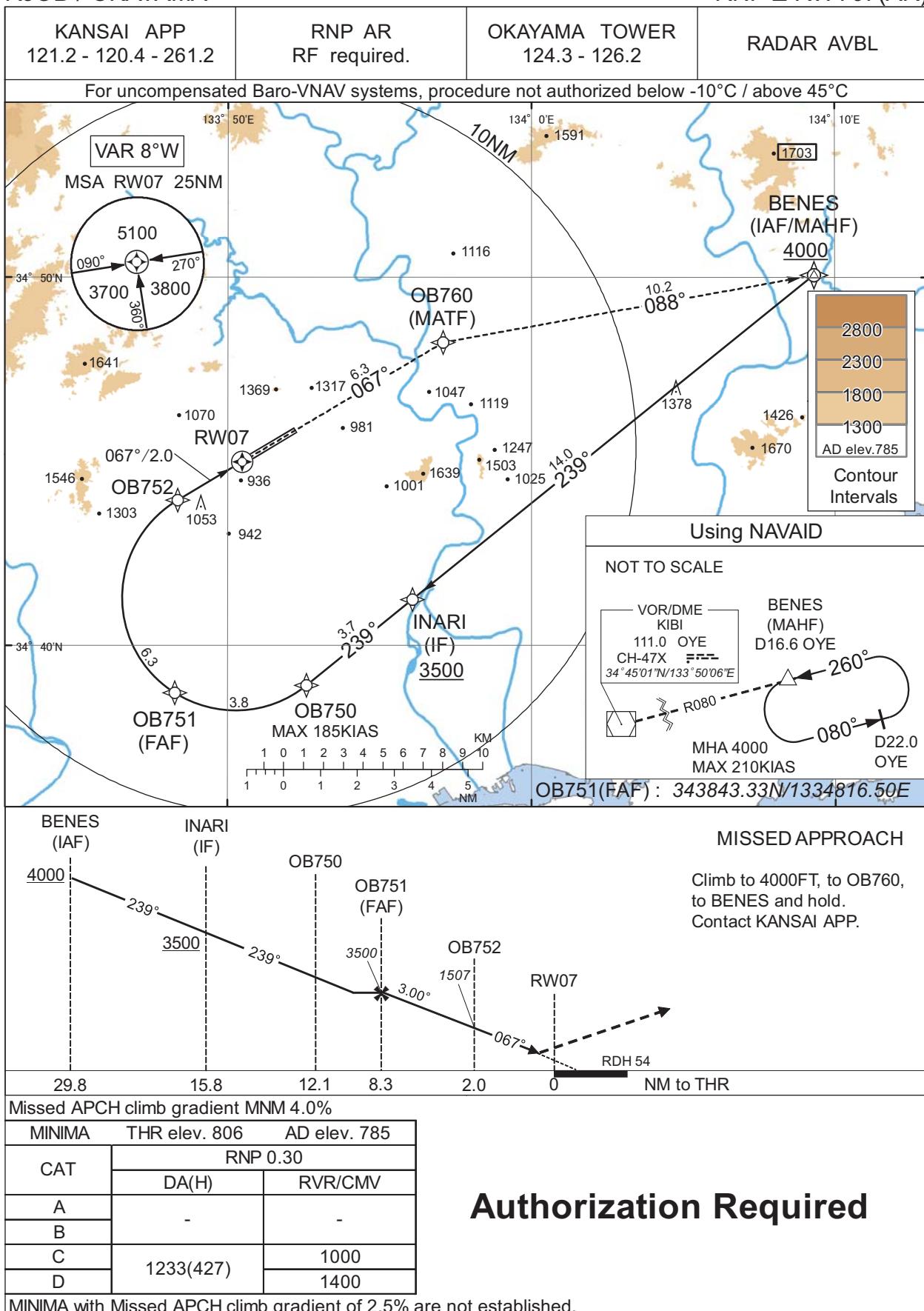
| CAT | | | CIRCLING | |
|-----|------------|------|------------|------|
| | MDA(H) | CMV | MDA(H) | VIS |
| A | | | 1600 | |
| B | 1620 (835) | 1500 | 1620 (835) | 2400 |
| C | | 1800 | | 3200 |
| D | | 2000 | | |

Circling to SOUTH side of RWY only.

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNP Z RWY07(AR)



Authorization Required

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNP Z RWY07(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 | BENES | - | - | -8.1 | - | - | +4000 | - | - | - |
| 002 | TF | INARI | - | 239 (231.0) | -8.1 | 14.0 | - | +3500 | - | - | 1.0 |
| 003 | TF | OB750 | - | 239 (230.9) | -8.1 | 3.7 | - | - | -185 | - | 1.0 |
| 004 | RF Center: OBRF1 r=3.07NM | OB751 | - | - | -8.1 | 3.8 | R | 3500 | - | - | 1.0 |
| 005 | RF Center: OBRF1 r=3.07NM | OB752 | - | - | -8.1 | 6.3 | R | 1507 | - | -3.00 | 0.3 |
| 006 | TF | RW07 | Y | 067 (059.1) | -8.1 | 2.0 | - | 860 | - | -3.00/54 | 0.3 |
| 007 | TF | OB760 | - | 067 (059.1) | -8.1 | 6.3 | - | - | - | - | 1.0 |
| 008 | TF | BENES | - | 088 (079.6) | -8.1 | 10.2 | - | 4000 | - | - | 1.0 |

Waypoint Coordinates

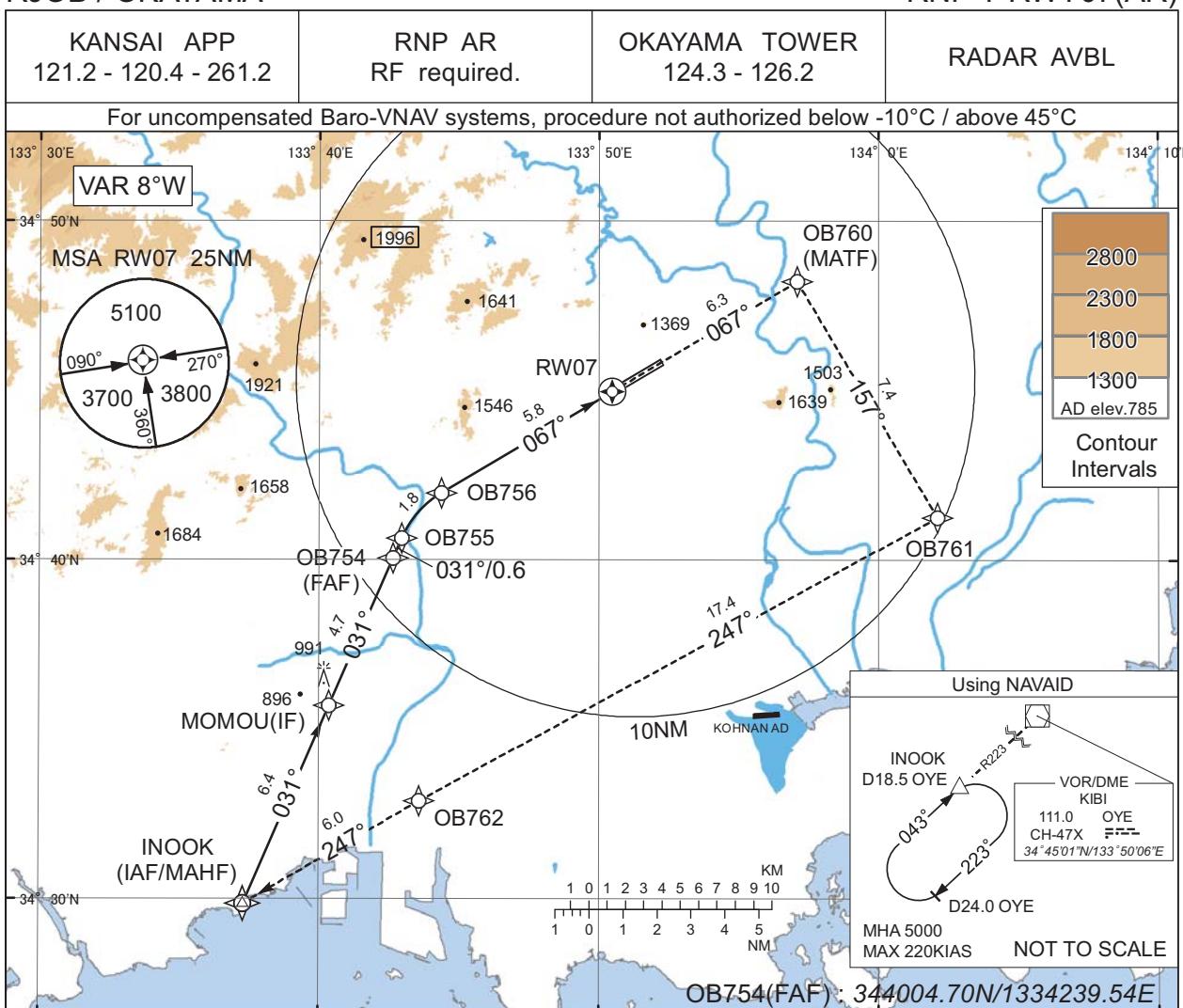
| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|--------------------------|--------------------------|--------------------------|
| INARI | 344115.72N / 1335605.70E | OBRF1 | 344119.08N / 1335015.95E |
| OB750 | 343855.80N / 1335236.42E | | |
| OB751 | 343843.33N / 1334816.50E | | |
| OB752 | 344357.48N / 1334821.64E | | |
| RW07 | 344500.07N / 1335028.89E | | |
| OB760 | 344814.99N / 1335705.97E | | |
| BENES | 345004.35N / 1340919.47E | | |

CHANGE : PROC renamed.

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNP Y RWY07(AR)



CHANGE : Description of VAR.

Missed APCH climb gradient MNM 4.0%

| MINIMA | | THR elev. 806 | AD elev. 785 |
|--------|-----------|---------------|--------------|
| CAT | RNP 0.30 | | |
| | DA(H) | RVR/CMV | |
| A | - | - | |
| B | - | - | |
| C | 1233(427) | 1000 | |
| D | - | 1400 | |

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

Authorization Required

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNP Y RWY07(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 | INOOK | - | - | -8.1 | - | - | +5000 | - | - | - |
| 002 | TF | MOMOU | - | 031 (023.3) | -8.1 | 6.4 | - | +5000 | - | - | 0.3 |
| 003 | TF | OB754 | - | 031 (023.3) | -8.1 | 4.7 | - | 3500 | - | - | 0.3 |
| 004 | TF | OB755 | - | 031 (023.4) | -8.1 | 0.6 | - | 3295 | - | -3.00 | 0.3 |
| 005 | RF Center: OBRF2 r=2.89NM | OB756 | - | - | -8.1 | 1.8 | R | 2722 | - | -3.00 | 0.3 |
| 006 | TF | RW07 | Y | 067 (059.0) | -8.1 | 5.8 | - | 860 | - | -3.00/54 | 0.3 |
| 007 | TF | OB760 | - | 067 (059.1) | -8.1 | 6.3 | - | - | - | - | 1.0 |
| 008 | TF | OB761 | - | 157 (149.4) | -8.1 | 7.4 | - | - | - | - | 1.0 |
| 009 | TF | OB762 | - | 247 (239.2) | -8.1 | 17.4 | - | 5000 | - | - | 1.0 |
| 010 | TF | INOOK | - | 247 (239.0) | -8.1 | 6.0 | - | 5000 | - | - | 1.0 |

Waypoint Coordinates

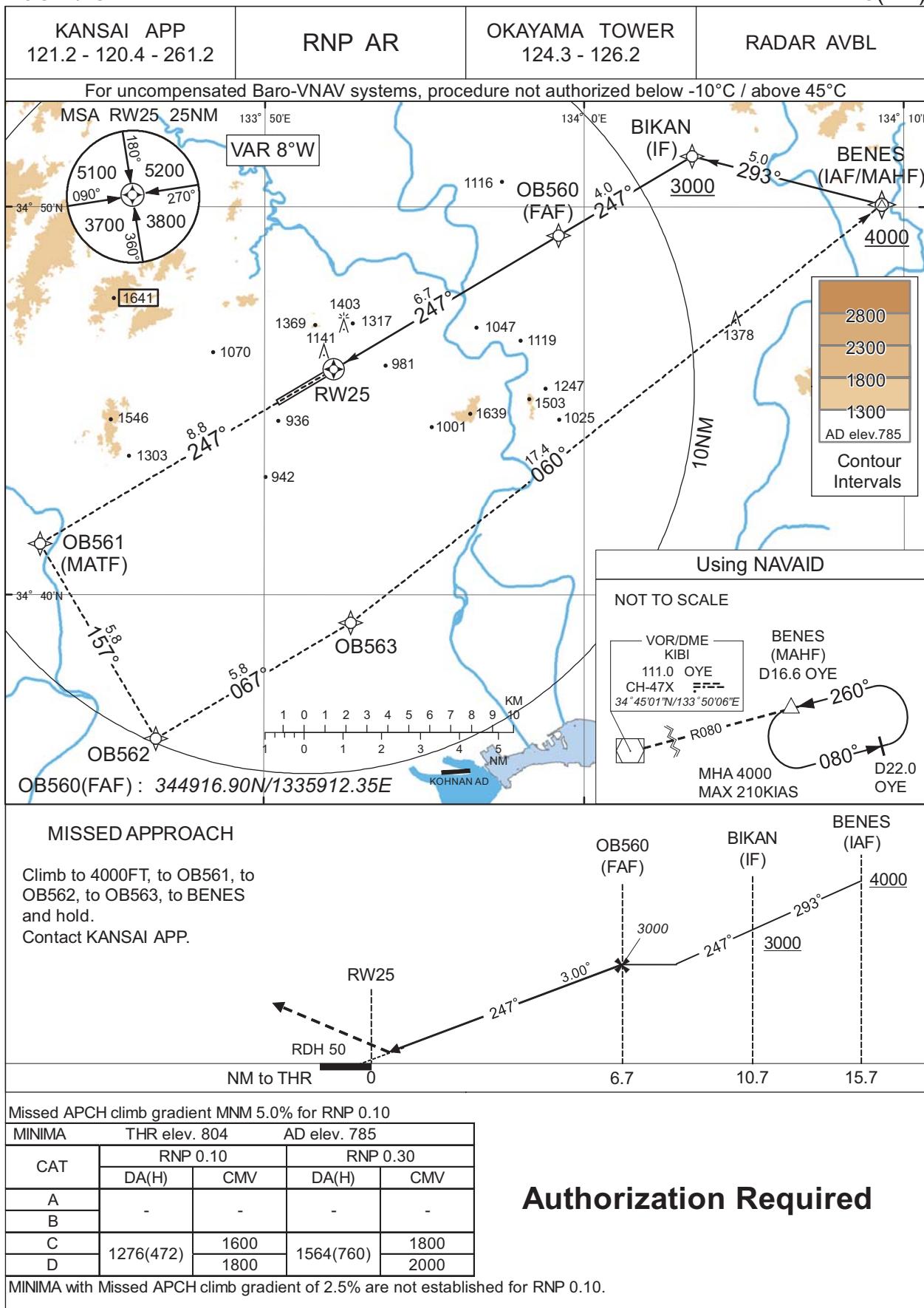
| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|--------------------------|--------------------------|--------------------------|
| INOOK | 342952.48N / 1333718.65E | OBRF2 | 343930.88N / 1334610.90E |
| MOMOU | 343543.45N / 1334022.43E | | |
| OB754 | 344004.70N / 1334239.54E | | |
| OB755 | 344040.07N / 1334258.12E | | |
| OB756 | 344200.00N / 1334423.17E | | |
| RW07 | 344500.07N / 1335028.89E | | |
| OB760 | 344814.99N / 1335705.97E | | |
| OB761 | 344152.88N / 1340140.81E | | |
| OB762 | 343257.58N / 1334332.75E | | |

CHANGE : PROC renamed.

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNP Z RWY25(AR)



INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNP Z RWY25(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 | BENES | - | - | -8.1 | - | - | +4000 | - | - | - |
| 002 | TF | BIKAN | - | 293 (284.5) | -8.1 | 5.0 | - | +3000 | - | - | 1.0 |
| 003 | TF | OB560 | - | 247 (239.2) | -8.1 | 4.0 | - | 3000 | - | - | 1.0 |
| 004 | TF | RW25 | Y | 247 (239.1) | -8.1 | 6.7 | - | 854 | - | -3.00/50 | 0.10 0.30 |
| 005 | TF | OB561 | - | 247 (239.1) | -8.1 | 8.8 | - | - | - | - | 1.0 |
| 006 | TF | OB562 | - | 157 (149.3) | -8.1 | 5.8 | - | - | - | - | 1.0 |
| 007 | TF | OB563 | - | 067 (059.1) | -8.1 | 5.8 | - | - | - | - | 1.0 |
| 008 | TF | BENES | - | 060 (051.6) | -8.1 | 17.4 | - | 4000 | - | - | 1.0 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|--------------------------|--------------------------|-------------|
| BIKAN | 345119.60N / 1340323.18E | — | — |
| OB560 | 344916.90N / 1335912.35E | | |
| RW25 | 344549.88N / 1335210.24E | | |
| OB561 | 344119.10N / 1334300.25E | | |
| OB562 | 343617.70N / 1334637.94E | | |
| OB563 | 343917.37N / 1335242.76E | | |
| BENES | 345004.35N / 1340919.47E | | |

CHANGE : PROC renamed.

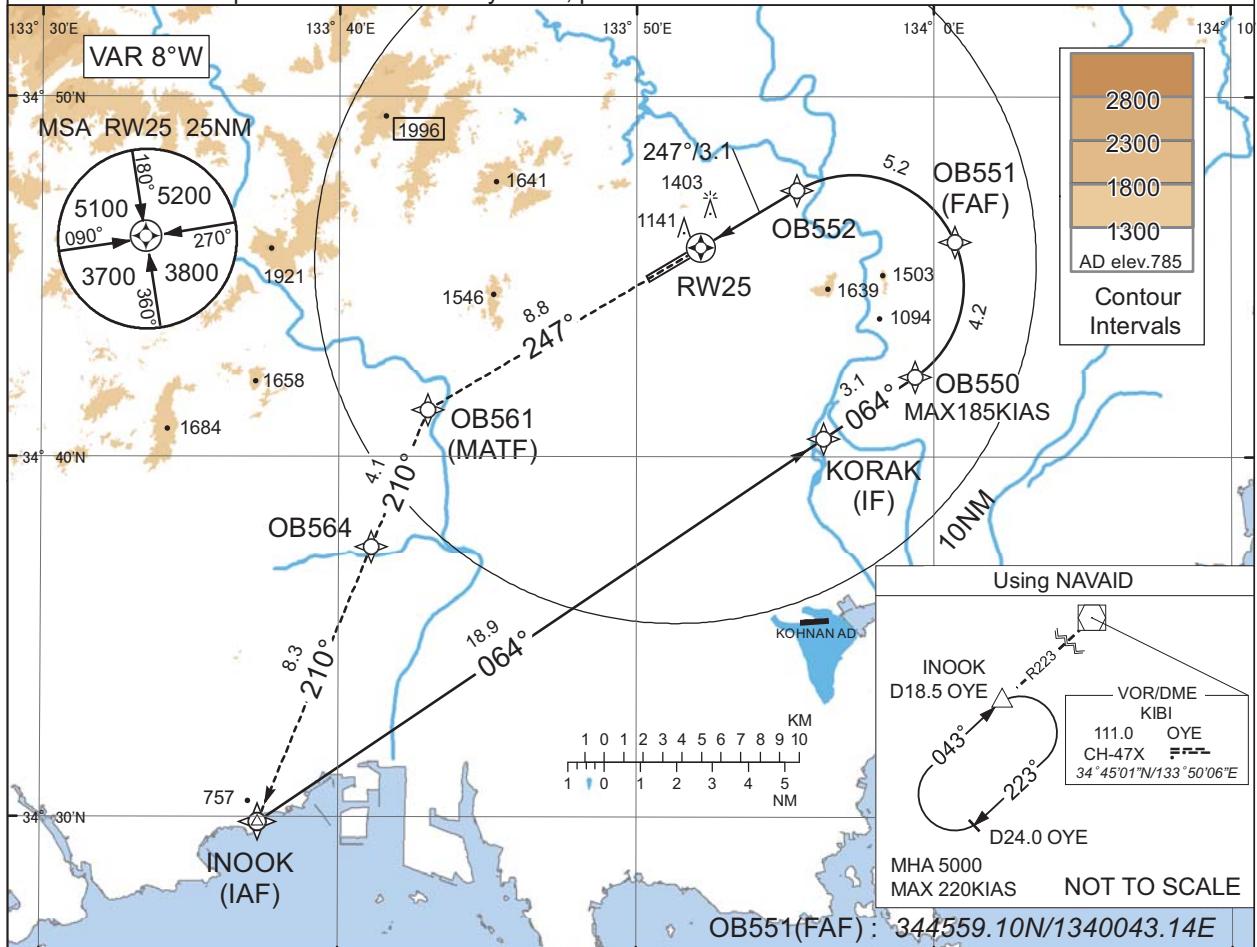
INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNP Y RWY25(AR)

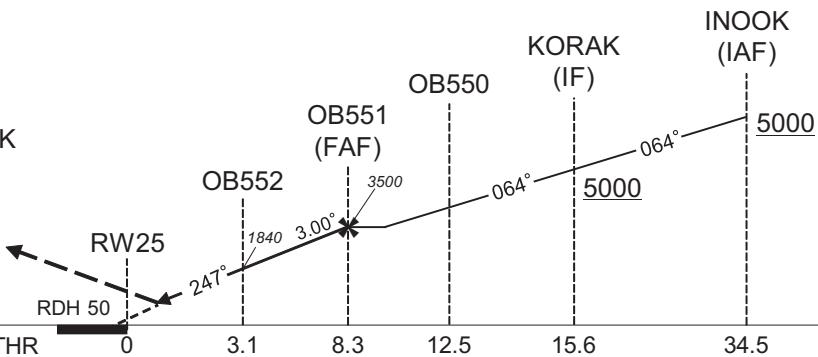
| | | | |
|-------------------------------------|------------------------|--------------------------------|------------|
| KANSAI APP 121.2 - 120.4 - 261.2 | RNP AR RF required. | OKAYAMA TOWER 124.3 - 126.2 | RADAR AVBL |
|-------------------------------------|------------------------|--------------------------------|------------|

For uncompensated Baro-VNAV systems, procedure not authorized below -10°C / above 45°C



MISSED APPROACH

Climb to 5000FT, to OB561,
to OB564 at 5000FT, to INOOK
and hold.
Contact KANSAI APP.



Missed APCH climb gradient MNM 5.0% for RNP 0.10

| MINIMA | | THR elev. 804 | AD elev. 785 | |
|--------|-----------|---------------|--------------|------|
| CAT | | RNP 0.10 | RNP 0.30 | |
| | DA(H) | CMV | DA(H) | CMV |
| A | - | - | - | - |
| B | | | | |
| C | 1276(472) | 1600 | 1564(760) | 1800 |
| D | | 1800 | | 2000 |

MINIMA with Missed APCH climb gradient of 2.5% are not established for RNP 0.10.

Authorization Required

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNP Y RWY25(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 | INOOK | - | - | -8.1 | - | - | +5000 | - | - | - |
| 002 | TF | KORAK | - | 064 (055.7) | -8.1 | 18.9 | - | +5000 | - | - | 1.0 |
| 003 | TF | OB550 | - | 064 (055.8) | -8.1 | 3.1 | - | - | -185 | - | 1.0 |
| 004 | RF Center: OBRF3 r=3.06NM | OB551 | - | - | -8.1 | 4.2 | L | 3500 | - | - | 1.0 |
| 005 | RF Center: OBRF3 r=3.06NM | OB552 | - | - | -8.1 | 5.2 | L | 1840 | - | -3.00 | 0.10 0.30 |
| 006 | TF | RW25 | Y | 247 (239.2) | -8.1 | 3.1 | - | 854 | - | -3.00/50 | 0.10 0.30 |
| 007 | TF | OB561 | - | 247 (239.1) | -8.1 | 8.8 | - | - | - | - | 1.0 |
| 008 | TF | OB564 | - | 210 (202.3) | -8.1 | 4.1 | - | 5000 | - | - | 1.0 |
| 009 | TF | INOOK | - | 210 (202.3) | -8.1 | 8.3 | - | 5000 | - | - | 1.0 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|--------------------------|--------------------------|--------------------------|
| INOOK | 342952.48N / 1333718.65E | OBRF3 | 344446.88N / 1335718.07E |
| KORAK | 344031.39N / 1335618.17E | | |
| OB550 | 344214.38N / 1335922.79E | | |
| OB551 | 344559.10N / 1340043.14E | | |
| OB552 | 344725.06N / 1335524.13E | | |
| RW25 | 344549.88N / 1335210.24E | | |
| OB561 | 344119.10N / 1334300.25E | | |
| OB564 | 343730.82N / 1334106.50E | | |

CHANGE : PROC renamed.

RJOB / OKAYAMA

Visual REP



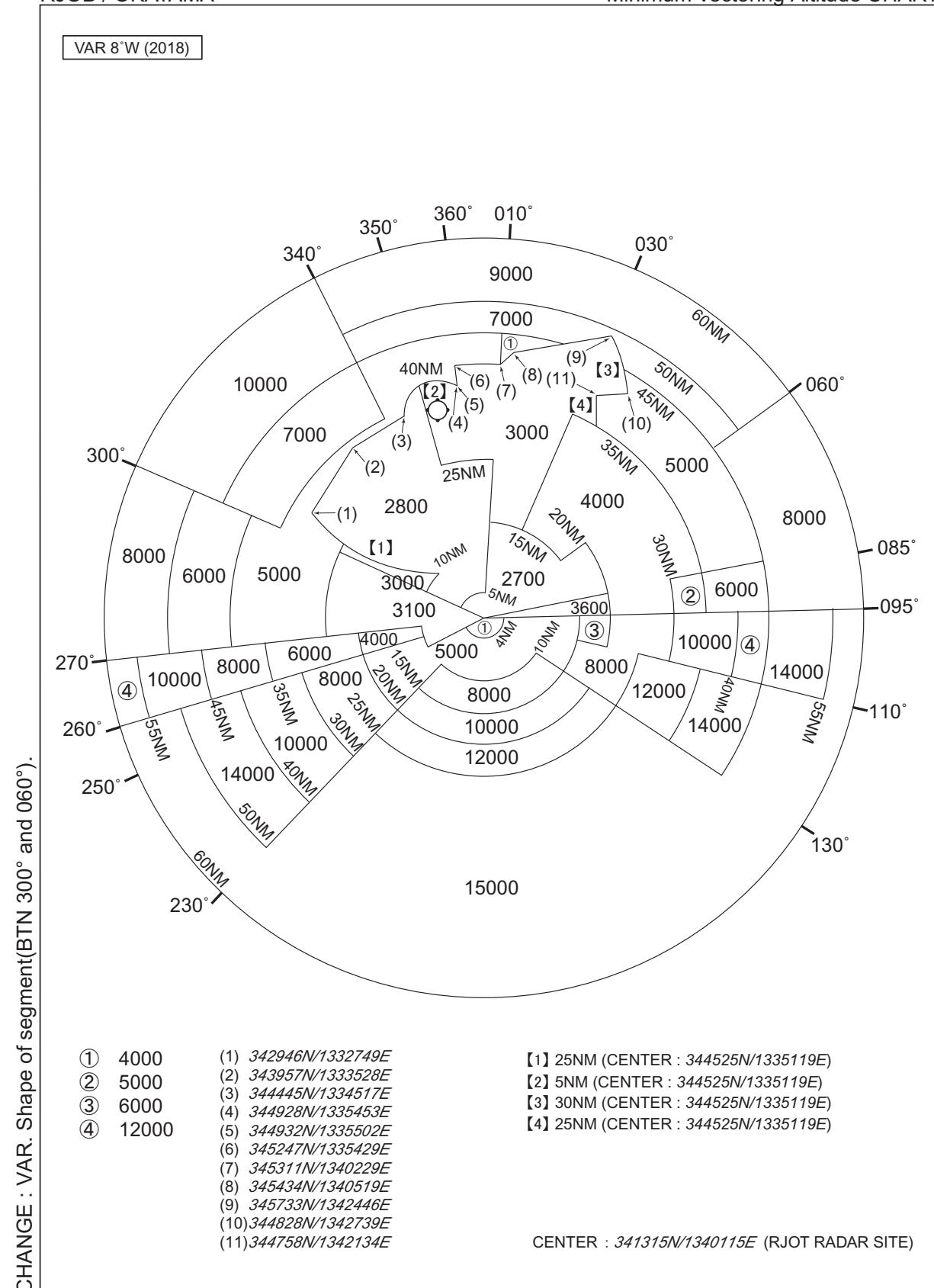
※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

| Call sign | BRG / DIST from ARP | Remarks |
|------------------|---------------------|---|
| 江与味 Eyomi | 349°T / 11.6NM | 江与味橋 Bridge |
| 高梁 Takahashi | 279°T / 12.0NM | JR駅 JR Station |
| 倉敷 Kurashiki | 205°T / 10.3NM | JR駅 JR Station |
| 岡山 Okayama | 150°T / 6.2NM | JR駅 JR Station |
| 山陽IC Sanyo IC | 096°T / 8.4NM | 山陽インターチェンジ Sanyo Highway Interchange |



RJOB / OKAYAMA

Minimum Vectoring Altitude CHART



INTENTIONALLY LEFT BLANK