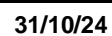


AD CHART



INTENTIONALLY LEFT BLANK

STANDARD DEPARTURE CHART -INSTRUMENT

ROKJ / KUMEJIMA

SID

SOUTH FIVE DEPARTURE

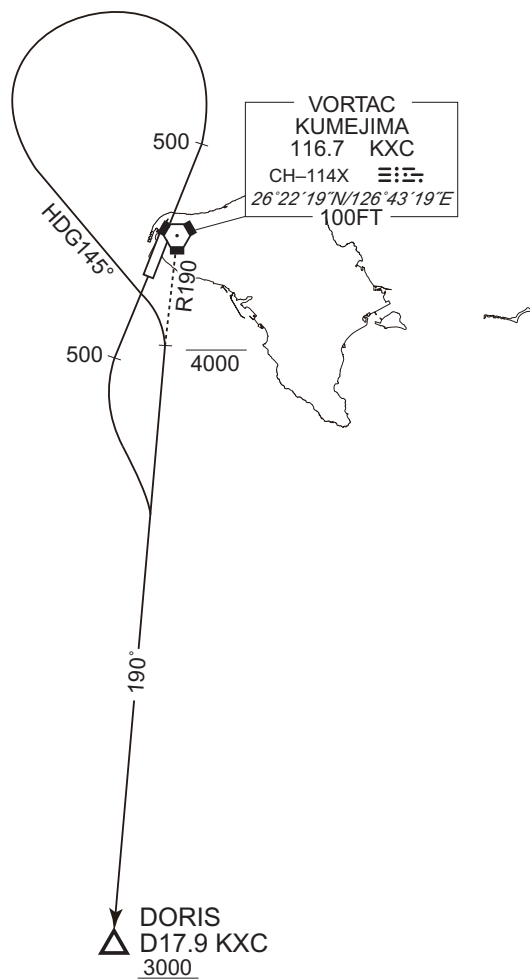
RWY03 : Climb RWY HDG to 500FT, turn left HDG145° to intercept and proceed via KXC R190 to DORIS.

Maintain 4000FT or below until intercepting KXC R190, cross DORIS at or above 3000FT.

RWY21 : Climb RWY HDG to 500FT, turn left to intercept and proceed via KXC R190 to DORIS.

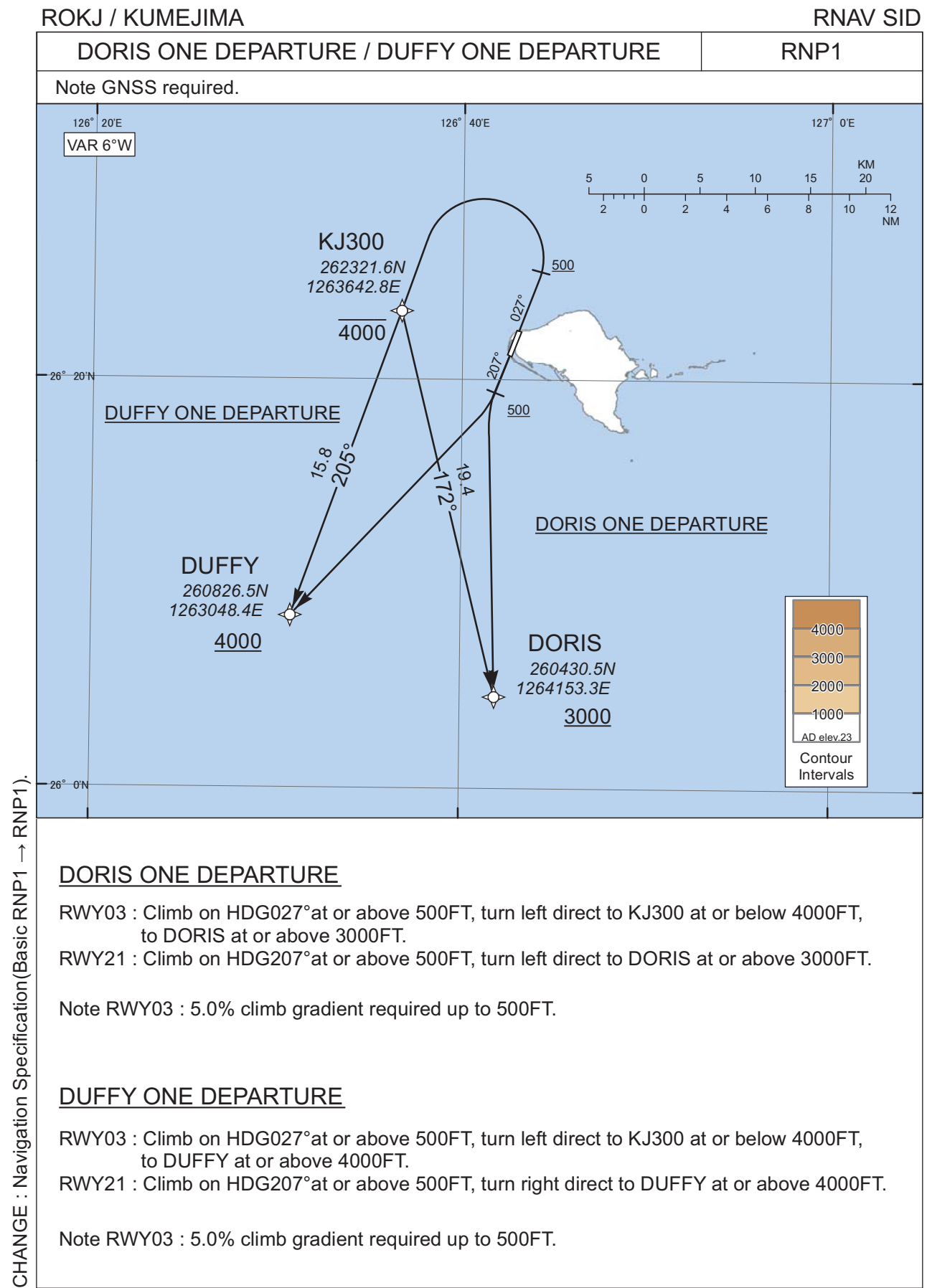
Cross DORIS at or above 3000FT.

Note RWY03 : 5.0% climb gradient required up to 500FT.



CHANGE : PROC renamed. PROC course.

STANDARD DEPARTURE CHART -INSTRUMENT



STANDARD DEPARTURE CHART -INSTRUMENT

ROKJ / KUMEJIMA

RNAV SID

DORIS ONE DEPARTURE

RWY03

| 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 | - | - | 027 (021.1) | -5.7 | - | - | +500 | - | - | RNP1 |
| 002 | DF | KJ300 | - | - | -5.7 | - | L | -4000 | - | - | RNP1 |
| 003 | TF | DORIS | - | 172 (166.1) | -5.7 | 19.4 | - | +3000 | - | - | RNP1 |

RWY21

| 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 | - | - | 207 (201.1) | -5.7 | - | - | +500 | - | - | RNP1 |
| 002 | DF | DORIS | - | - | -5.7 | - | L | +3000 | - | - | RNP1 |

DUFFY ONE DEPARTURE

RWY03

| 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 | - | - | 027 (021.1) | -5.7 | - | - | +500 | - | - | RNP1 |
| 002 | DF | KJ300 | - | - | -5.7 | - | L | -4000 | - | - | RNP1 |
| 003 | TF | DUFFY | - | 205 (199.6) | -5.7 | 15.8 | - | +4000 | - | - | RNP1 |

RWY21

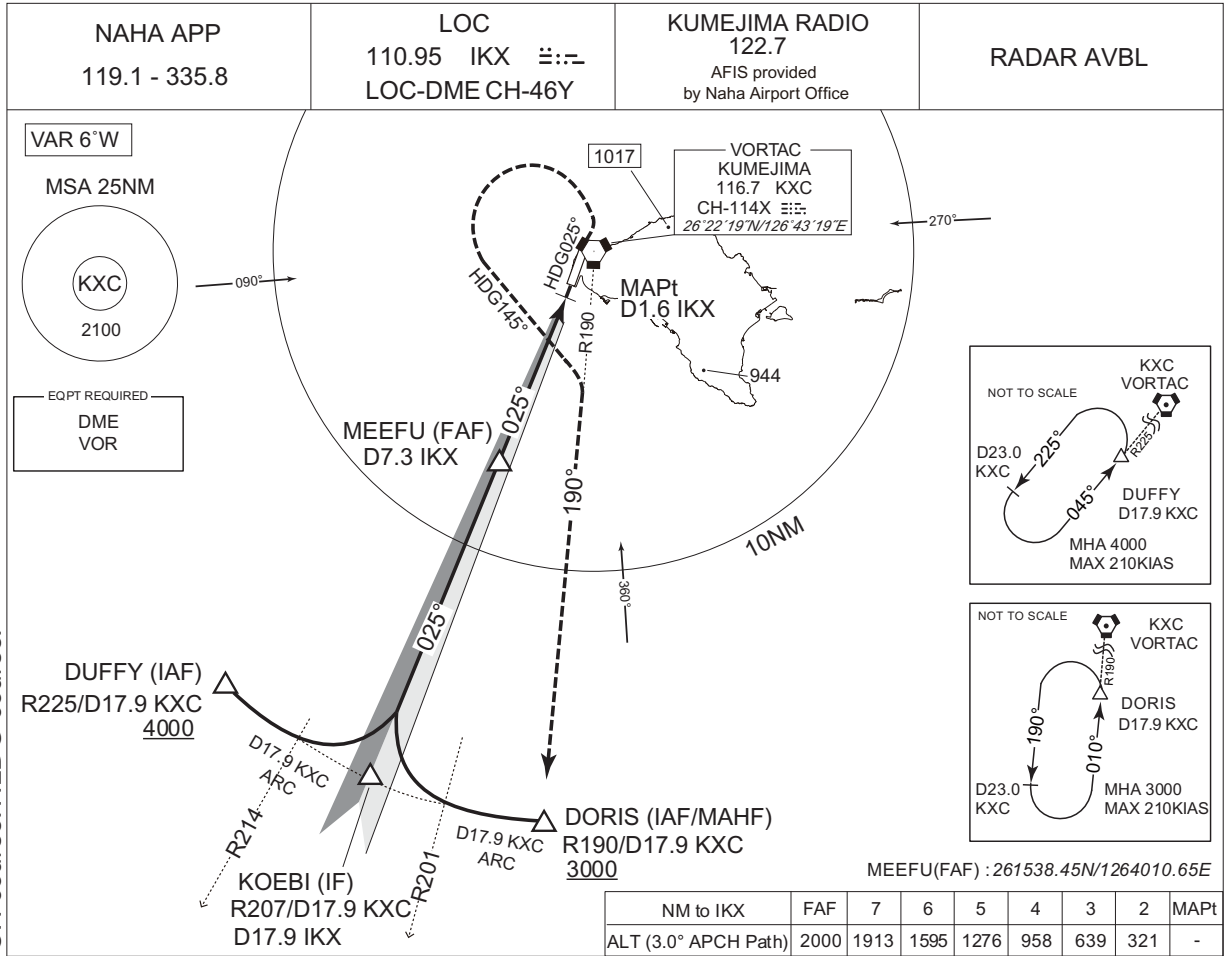
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | VA | - | - | 207 (201.1) | -5.7 | - | - | +500 | - | - | RNP1 |
| 002 | DF | DUFFY | - | - | -5.7 | - | R | +4000 | - | - | RNP1 |

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

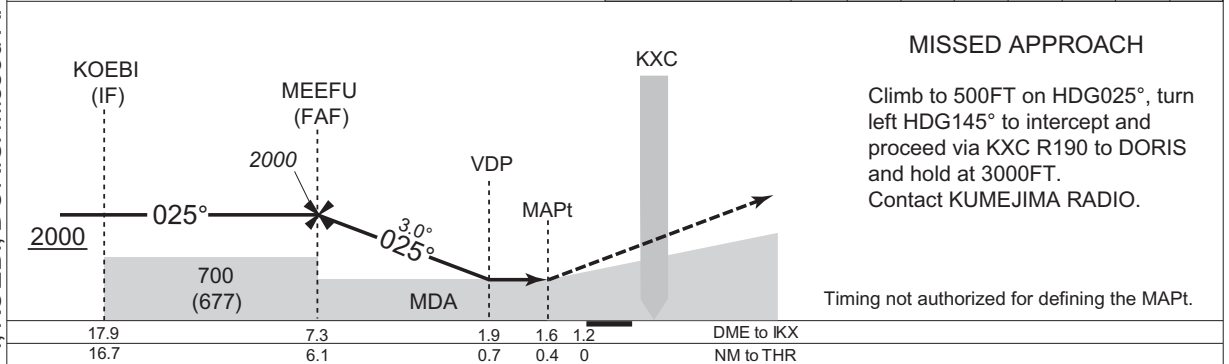
INSTRUMENT APPROACH CHART

ROKJ / KUMEJIMA

LOC RWY 03



CHANGE : BRG FM KXC for DUFFY, KOEBI, DORIS. Missed APCH course. HLDG course.



Missed APCH climb gradient MNM 5.0%

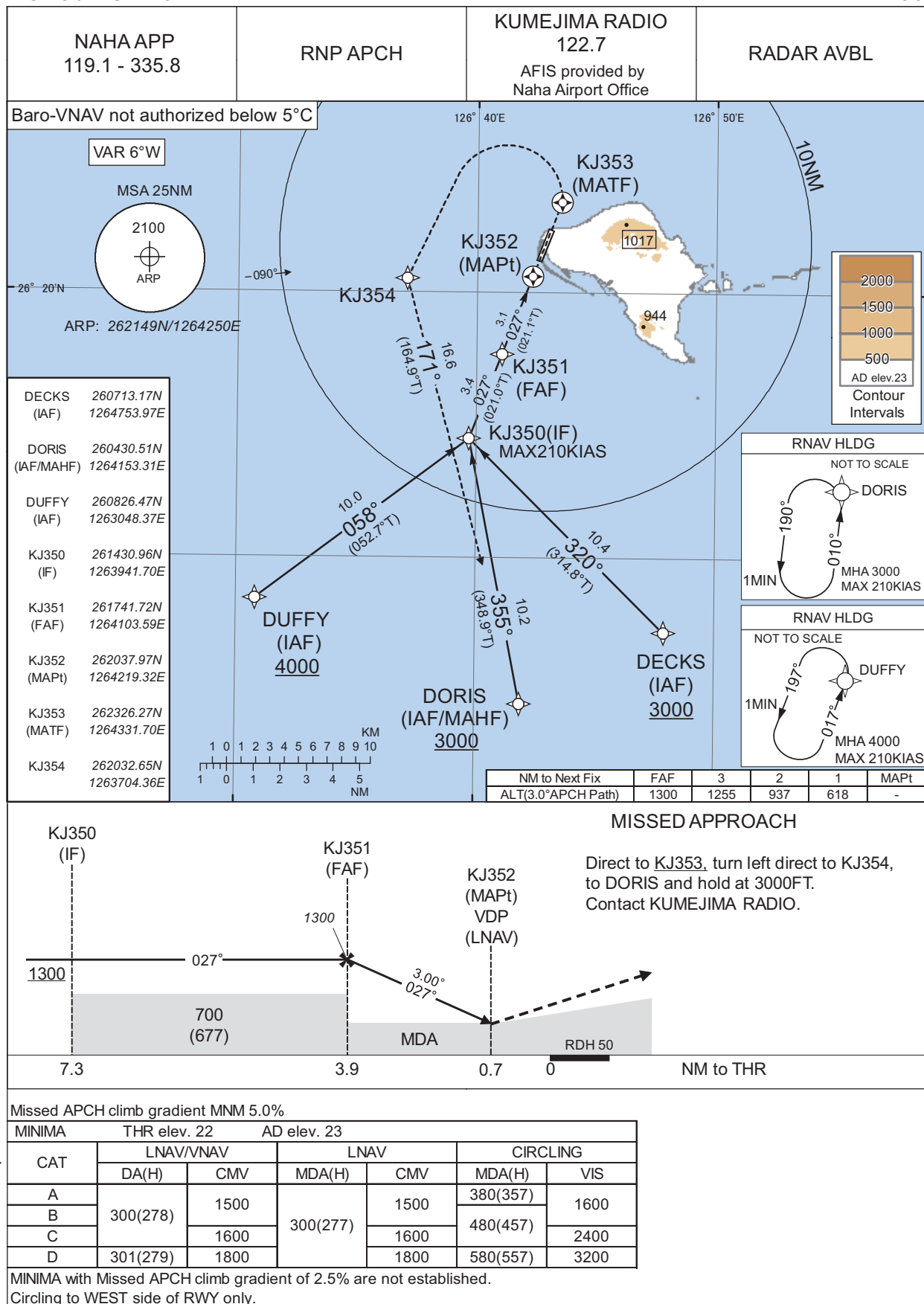
| MINIMA | | THR elev. 22 | AD elev. 23 |
|--------|-----------|--------------|----------------|
| CAT | CIRCLING | | |
| | MDA(H) | CMV | MDA(H) VIS |
| | 280 (257) | 1500 | 380 (357) 1600 |
| | | 1600 | 480 (457) 2400 |
| | | 1800 | 580 (557) 3200 |

MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to WEST side of RWY only.

INSTRUMENT APPROACH CHART

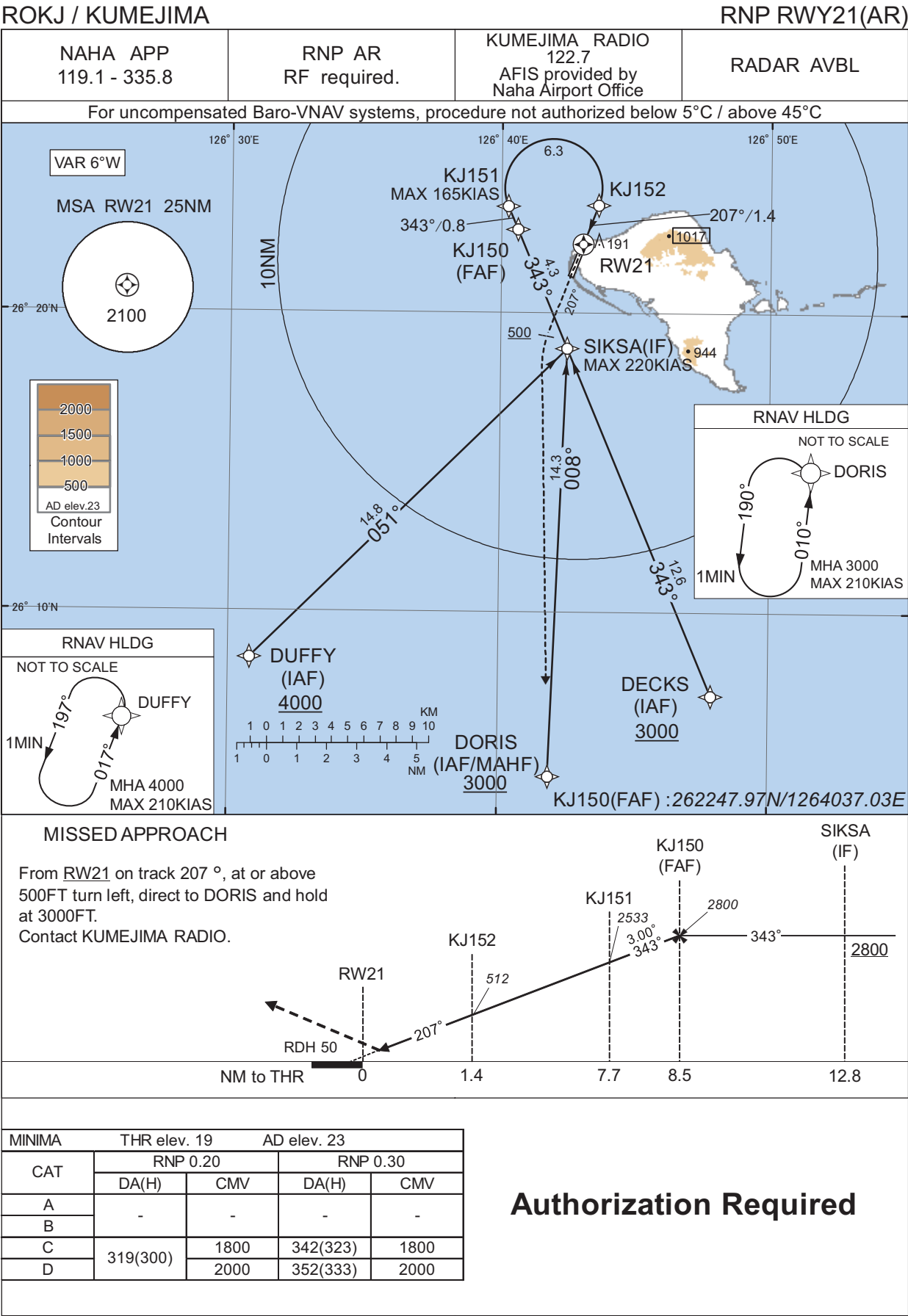
ROKJ / KUMEJIMA

RNP RWY03



CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

ROKJ / KUMEJIMA

RNP RWY21(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 | DECKS | - | - | -5.7 | - | - | +3000 | - | - | - |
| 002 | TF | SIKSA | - | 343 (337.3) | -5.7 | 12.6 | - | +2800 | -220 | - | 0.3 |
| 001 | IF | DORIS | - | - | -5.7 | - | - | +3000 | - | - | - |
| 002 | TF | SIKSA | - | 008 (002.1) | -5.7 | 14.3 | - | +2800 | -220 | - | 1.0 |
| 001 | IF | DUFFY | - | - | -5.7 | - | - | +4000 | - | - | - |
| 002 | TF | SIKSA | - | 051 (045.2) | -5.7 | 14.8 | - | +2800 | -220 | - | 1.0 |
| 001 | IF | SIKSA | - | - | -5.7 | - | - | +2800 | -220 | - | - |
| 002 | TF | KJ150 | - | 343 (337.2) | -5.7 | 4.3 | - | 2800 | - | - | 0.3 |
| 003 | TF | KJ151 | - | 343 (337.2) | -5.7 | 0.8 | - | 2533 | -165 | -3.00 | 0.20 0.30 |
| 004 | RF Center: KJRF1 r=1.62NM | KJ152 | - | - | -5.7 | 6.3 | R | 512 | - | -3.00 | 0.20 0.30 |
| 005 | TF | RW21 | Y | 207 (201.1) | -5.7 | 1.4 | - | 69 | - | -3.00/50 | 0.20 0.30 |
| 006 | FA | - | - | 207 (201.1) | -5.7 | - | - | +500 | - | - | 1.0 |
| 007 | DF | DORIS | - | - | -5.7 | - | L | 3000 | - | - | 1.0 |

| Path | Waypoint Identifier | Inbound Course °M(°T) | Magnetic Variation | Outbound Time (MIN) | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS) | RNP Value |
|------|---------------------|-----------------------|--------------------|---------------------|----------------|-----------------------|-----------------------|------------------|-----------|
| Hold | DORIS | 010 (004.1) | -5.7 | 1.0 (-14000) | L | 3000 | FL140 | -210 (-14000) | 1.0 |
| Hold | DUFFY | 017 (010.9) | -5.7 | 1.0 (-14000) | L | 4000 | FL140 | -210 (-14000) | 1.0 |

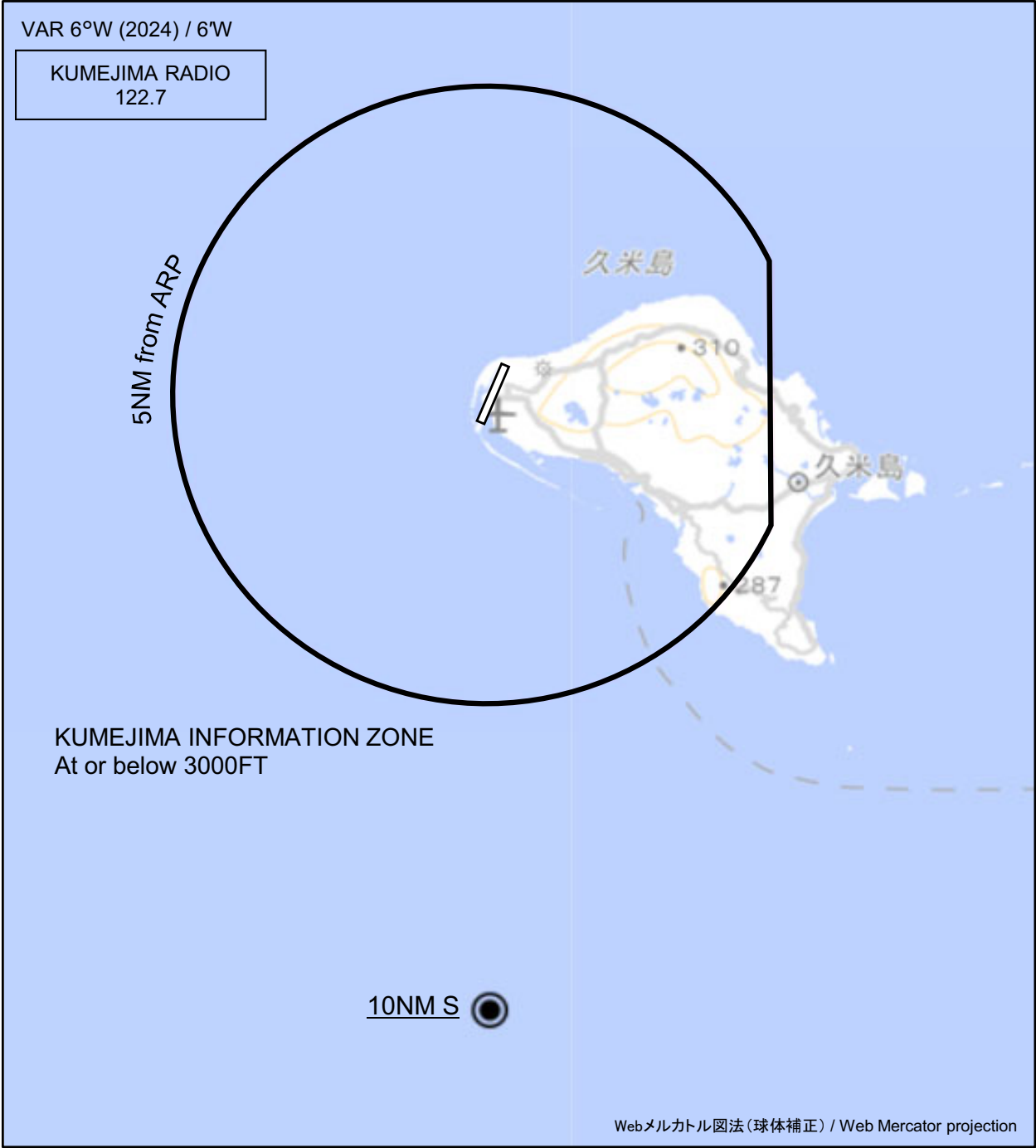
Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|--------------------------|--------------------------|--------------------------|
| DECKS | 260713.17N / 1264753.97E | KJRF1 | 262412.35N / 1264155.20E |
| DORIS | 260430.51N / 1264153.31E | | |
| DUFFY | 260826.47N / 1263048.37E | | |
| SIKSA | 261849.62N / 1264228.65E | | |
| KJ150 | 262247.97N / 1264037.03E | | |
| KJ151 | 262334.37N / 1264015.28E | | |
| KJ152 | 262337.07N / 1264336.35E | | |
| RW21 | 262218.92N / 1264302.73E | | |

CHANGE : New PROC.

ROKJ / KUME JIMA

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).

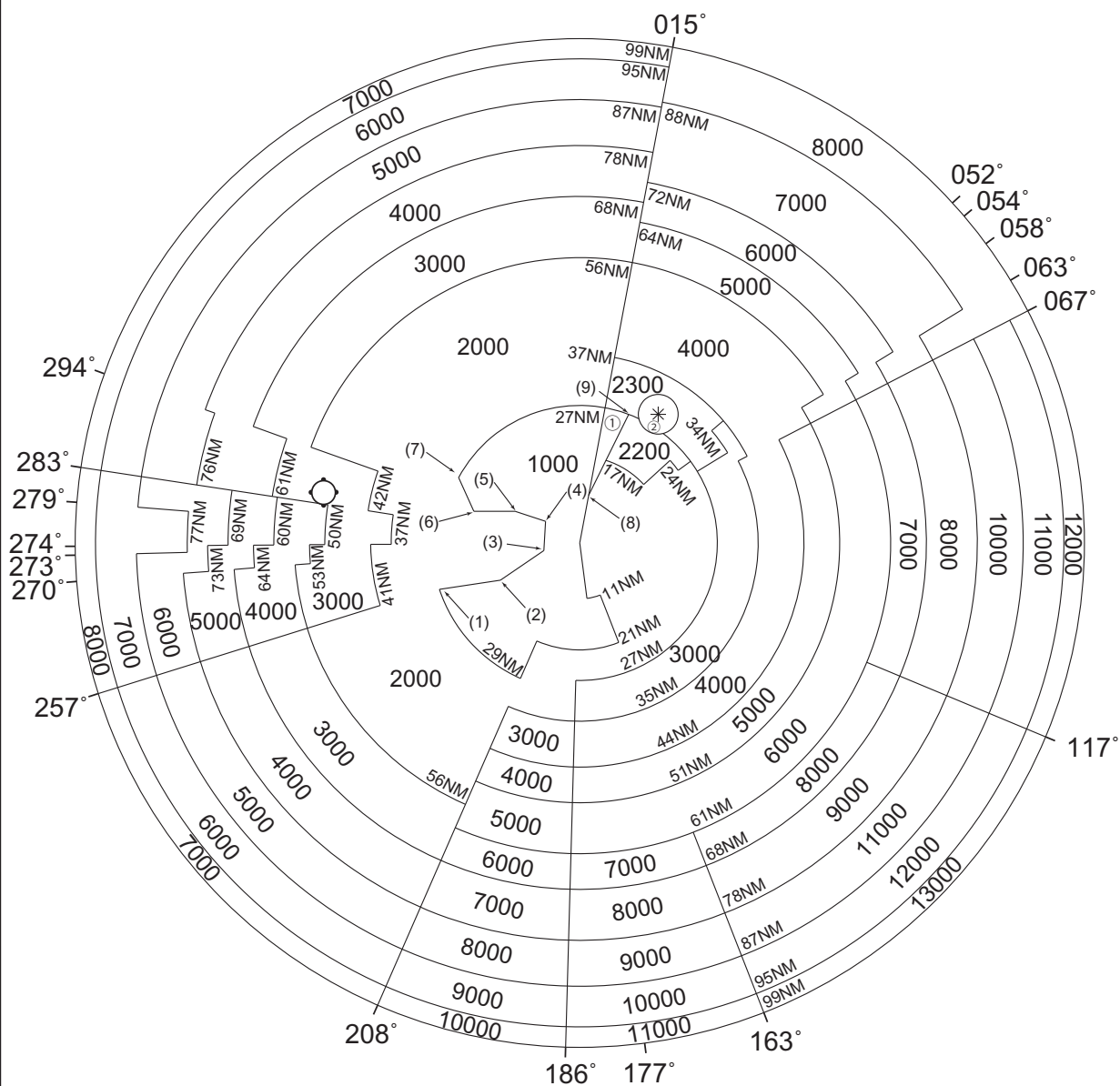
CHANGE : VAR.

| Call sign | BRG / DIST from ARP | Remarks |
|-----------|---------------------|--------------------|
| 10NM S | 180°T / 10.0NM | 海上 Over the sea |

ROKJ / KUMEJIMA

Minimum Vectoring Altitude CHART

VAR 6°W (2024)



- | | | | |
|--------|----------------------|----------------------|--------------------------------|
| ① 1500 | (1) 260301N/1270807E | (6) 261829N/1271524E | CENTER: 261231N/1273834E (NHC) |
| ② 2600 | (2) 260459N/1272121E | (7) 262505N/1271157E | * : 263759N/1275528E |
| | (3) 261057N/1273045E | (8) 262154N/1274025E | RADIUS 3.9NM |
| | (4) 261640N/1273102E | (9) 263755N/1274900E | |
| | (5) 261835N/1272422E | | |

CHANGE : VAR.