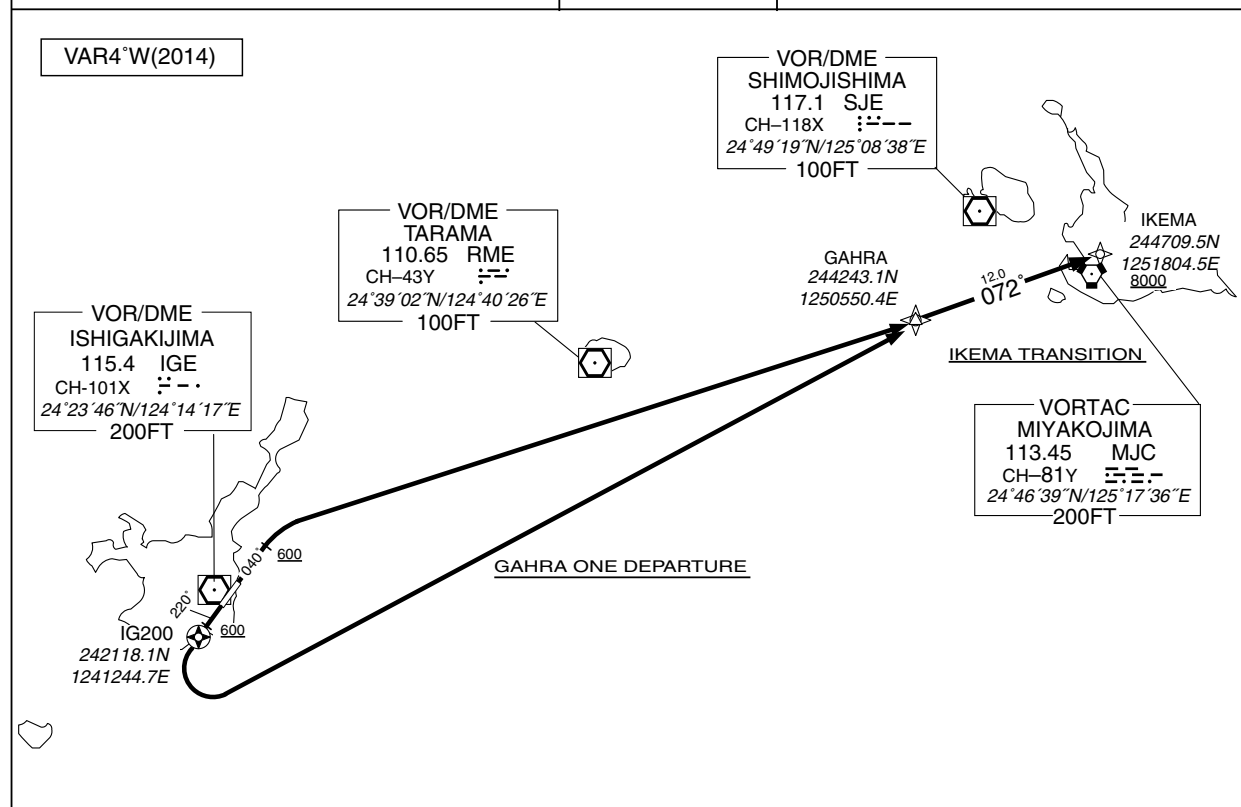


## STANDARD DEPARTURE CHART -INSTRUMENT

ROIG / NEW ISHIGAKI

RNAV SID and TRANSITION

| GAHRA ONE DEPARTURE<br>IKEMA TRANSITION   |                       | RNAV1  |
|---|-----------------------|--|
| NOTE 1) DME/DME/IRU or GNSS required.<br>※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.<br><br>2) RADAR service required. | Critical DME          | RWY22 : IGE : 52NM to GAHRA - 47NM to GAHRA<br>MJC : 52NM to GAHRA - 50NM to GAHRA   |
|   | DME GAP               | RWY04 : DER - GAHRA<br>RWY22 : DER - IG200<br>IG200 - 52NM to GAHRA<br>47NM to GAHRA - GAHRA<br>IKEMA TRANSITION : GAHRA - IKEMA |
|   | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1  |

GAHRA ONE DEPARTURE

RWY04 : Climb on HDG 040° at or above 600FT, turn right direct to GAHRA.

RWY22 : Climb on HDG 220° at or above 600FT, direct to IG200, turn left direct to GAHRA.IKEMA TRANSITION

From GAHRA, to IKEMA at or above 8000FT.

## STANDARD DEPARTURE CHART -INSTRUMENT

ROIG / NEW ISHIGAKI

RNAV SID and TRANSITION

GAHRA ONE DEPARTURE

## RWY04

| 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              | —                   | —        | 040<br>(035.9) | -4.1               | —             | —              | +600          | —            | —              | RNAV1                    |
| 002           | DF              | GAHRA               | —        | —              | -4.1               | —             | R              | —             | —            | —              | RNAV1                    |

## RWY22

| 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              | —                   | —        | 220<br>(215.9) | -4.1               | —             | —              | +600          | —            | —              | RNAV1                    |
| 002           | DF              | IG200               | Y        | —              | -4.1               | —             | —              | —             | —            | —              | RNAV1                    |
| 003           | DF              | GAHRA               | —        | —              | -4.1               | —             | L              | —             | —            | —              | RNAV1                    |

IKEMA 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              | GAHRA               | —        | —              | -4.1               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | IKEMA               | —        | 072<br>(068.2) | -4.1               | 12.0          | —              | +8000         | —            | —              | RNAV1                    |