

RJDA / AMAKUSA

AD CHART



STANDARD DEPARTURE CHART - INSTRUMENT

RJDA / AMAKUSA

SID

AMAKUSA REVERSAL THREE DEPARTURE

RWY13 : Climb RWY HDG to 800FT, turn left HDG051°...

RWY31 : Climb on HDG322° to 1100FT, turn right HDG141°...

... to intercept and proceed via AKE R096 to 4000FT, turn right, direct to AKE VOR/DME.

Note RWY13 : 5.0% climb gradient required up to 1200FT.

OBST ALT 1994FT located at 9.0NM 098° FM end of RWY13.

RWY31 : 6.0% climb gradient required up to 1100FT.

OBST ALT 591FT located at 0.8NM 294° FM end of RWY31.



## STANDARD DEPARTURE CHART - INSTRUMENT

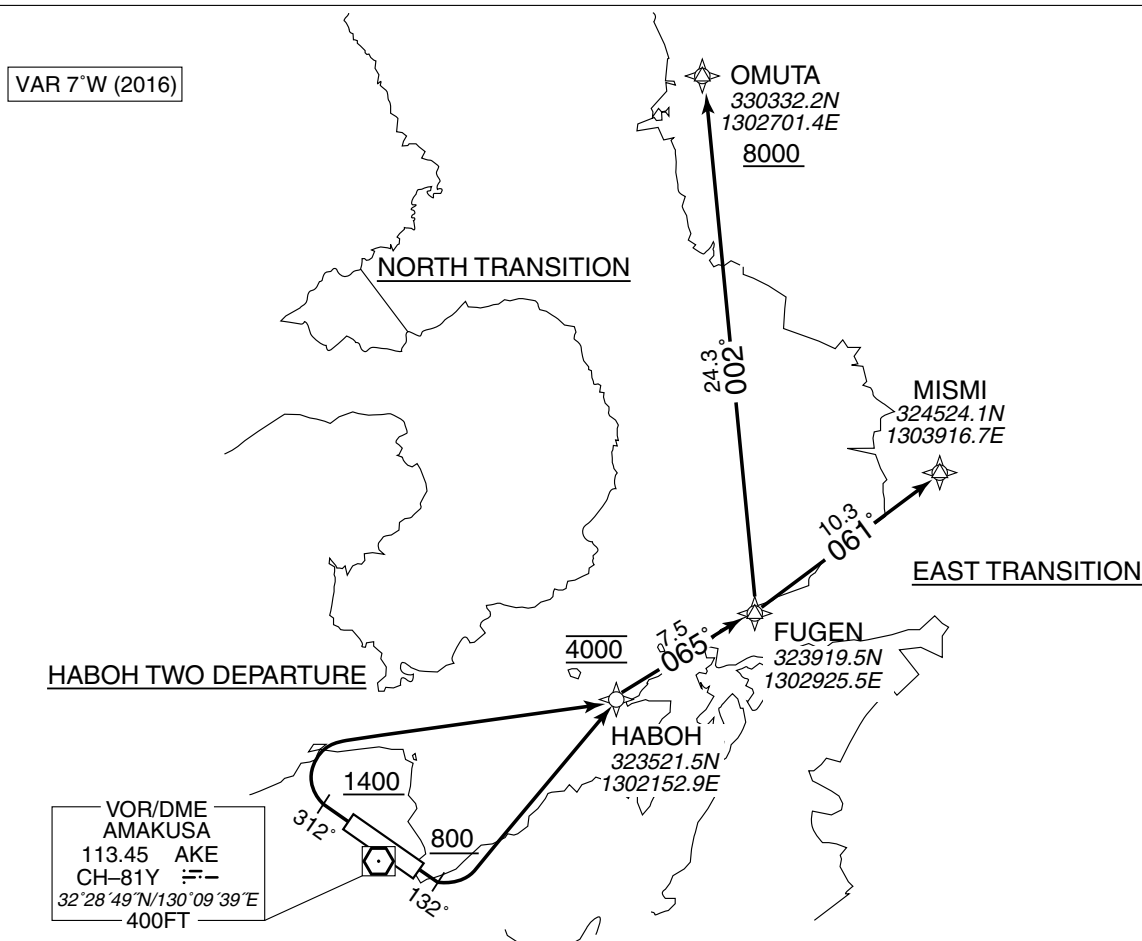
RJDA / AMAKUSA

RNAV SID and TRANSITION

HABOH TWO DEPARTURE  
NORTH TRANSITION  
EAST TRANSITION

Basic RNP1

Note GNSS required.

**HABOH TWO DEPARTURE**

RWY13 : Climb on HDG132° at or above 800FT, turn left direct to HABOH at 4000FT, to FUGEN.

RWY31 : Climb on HDG312° at or above 1400FT, turn right direct to HABOH at 4000FT, to FUGEN.

Note RWY13 : 3.5% climb gradient required up to 800FT.  
OBST ALT 919FT located at 4.2NM 125° FM end of RWY13.  
RWY31 : 6.1% climb gradient required up to 1400FT.  
OBST ALT 591FT located at 0.8NM 292° FM end of RWY31.

**NORTH TRANSITION**

From FUGEN, to OMUTA at or above 8000FT.

**EAST TRANSITION**

From FUGEN, to MISMI.

## STANDARD DEPARTURE CHART - INSTRUMENT

## RJDA / AMAKUSA

## RNAV SID and TRANSITION

**HABOH TWO DEPARTURE**

## RWY13

| 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              | —                   | —        | 132<br>(124.7) | -7.0               | —             | —              | +800          | —            | —              | Basic RNP1               |
| 002           | DF              | HABOH               | —        | —              | -7.0               | —             | L              | 4000          | —            | —              | Basic RNP1               |
| 003           | TF              | FUGEN               | —        | 065<br>(058.0) | -7.0               | 7.5           | —              | —             | —            | —              | Basic RNP1               |

## RWY31

| 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              | —                   | —        | 312<br>(304.7) | -7.0               | —             | —              | +1400         | —            | —              | Basic RNP1               |
| 002           | DF              | HABOH               | —        | —              | -7.0               | —             | R              | 4000          | —            | —              | Basic RNP1               |
| 003           | TF              | FUGEN               | —        | 065<br>(058.0) | -7.0               | 7.5           | —              | —             | —            | —              | Basic RNP1               |

**NORTH 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              | FUGEN               | —        | —              | -7.0               | —             | —              | —             | —            | —              | Basic RNP1               |
| 002           | TF              | OMUTA               | —        | 002<br>(355.2) | -7.0               | 24.3          | —              | +8000         | —            | —              | Basic RNP1               |

**EAST 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              | FUGEN               | —        | —              | -7.0               | —             | —              | —             | —            | —              | Basic RNP1               |
| 002           | TF              | MISMI               | —        | 061<br>(053.7) | -7.0               | 10.3          | —              | —             | —            | —              | Basic RNP1               |

## STANDARD ARRIVAL CHART - INSTRUMENT

RJDA / AMAKUSA

RNAV STAR

IRUKA ARRIVAL  
TSUJI ARRIVAL

Basic RNP1

Note GNSS required.

VAR 7°W (2016)

IRUKA ARRIVAL

From FUGEN, to IRUKA at or above 4000FT.

| 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              | FUGEN               | —        | —             | -7.0               | —             | —              | —             | —            | —              | Basic RNP1               |
| 002           | TF              | IRUKA               | —        | 196 (188.9)   | -7.0               | 11.9          | —              | +4000         | —            | —              | Basic RNP1               |

TSUJI ARRIVAL

From FUGEN, to SETME at or above 4000FT, to TSUJI at or above 2400FT.

| 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              | FUGEN               | —        | —             | -7.0               | —             | —              | —             | —            | —              | Basic RNP1               |
| 002           | TF              | SETME               | —        | 267 (260.2)   | -7.0               | 9.0           | —              | +4000         | —            | —              | Basic RNP1               |
| 003           | TF              | TSUJI               | —        | 267 (260.1)   | -7.0               | 10.7          | —              | +2400         | —            | —              | Basic RNP1               |

## INSTRUMENT APPROACH CHART

RJDA / AMAKUSA

VOR RWY31

|               |                        |   |          |
|---------------|------------------------|---|----------|
| KUMAMOTO APP  | AMAKUSA VOR/DME        |   |          |
| 119.0 – 126.5 | 113.45 AKE             | — | NO RADAR |
| 122.9 – 258.9 | CH-81Y                 |   |          |
|               | 32°28'49"N/130°09'39"E |   |          |



|                      | NM to AKE | MAPt | 2   | 3    | 4    | 5    | 6    | 7    | FAF  |
|----------------------|-----------|------|-----|------|------|------|------|------|------|
| ALT (3.0° APCH Path) | —         | —    | 973 | 1291 | 1610 | 1928 | 2246 | 2565 | 2826 |

## MISSED APPROACH

Turn right, via AKE R102 to 7.0DME,  
turn right, direct to AKE VOR/DME  
and hold at 4000FT.  
Contact KUMAMOTO APP.

Timing not authorized for defining the MAPt.  
No turn before MAPt.



|            |     |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|-----|
| DME to AKE | 0.1 | 0.9 | 1.7 | 2.9 | 5.1 | 7.8 |
| NM to THR  | 0   | 0.8 | 1.6 | 2.8 | 5.0 | 7.7 |

Missed APCH climb gradient MNM 5.0%

| MINIMA |             | THR elev. 330 |            | AD elev. 340 |  |
|--------|-------------|---------------|------------|--------------|--|
| CAT    |             |               | CIRCLING   |              |  |
|        | MDA(H)      | CMV           | MDA(H)     | VIS          |  |
| A      | ■ 830 (500) | 1500          | 960 (620)  | 1600         |  |
| B      |             |               | 1020 (680) |              |  |
| C      | —           | —             | —          | —            |  |
| D      |             |               |            |              |  |

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

## INSTRUMENT APPROACH CHART

## RJDA / AMAKUSA

## RNAV(GNSS) RWY13



## INSTRUMENT APPROACH CHART

## RJDA / AMAKUSA

## RNAV(GNSS) RWY31





RJDA/AMAKUKSA

Visual REP



※AMAKUSA FLIGHT SERVICE : 130.775MHz

| Call sign          | BRG / DIST from ARP | Remarks     |
|--------------------|---------------------|-------------|
| 口之津<br>Kuchinotsu  | 020° / 8.0NM        | 港<br>Port   |
| 湯島<br>Yushima      | 058° / 11.9NM       | 島<br>Island |
| 通詞島<br>Tsuujishima | 334° / 4.8NM        | 島<br>Island |
| 島子<br>Shimago      | 101° / 4.6NM        | 漁港<br>Port  |
| 横島<br>Yokoshima    | 158° / 7.5NM        | 島<br>Island |
| 富岡<br>Tomioka      | 299° / 7.7NM        | 岬<br>Cape   |

RJDA / AMAKUSA

LDG CHART



RJDA / AMAKUSA

Minimum Vectoring Altitude CHART

