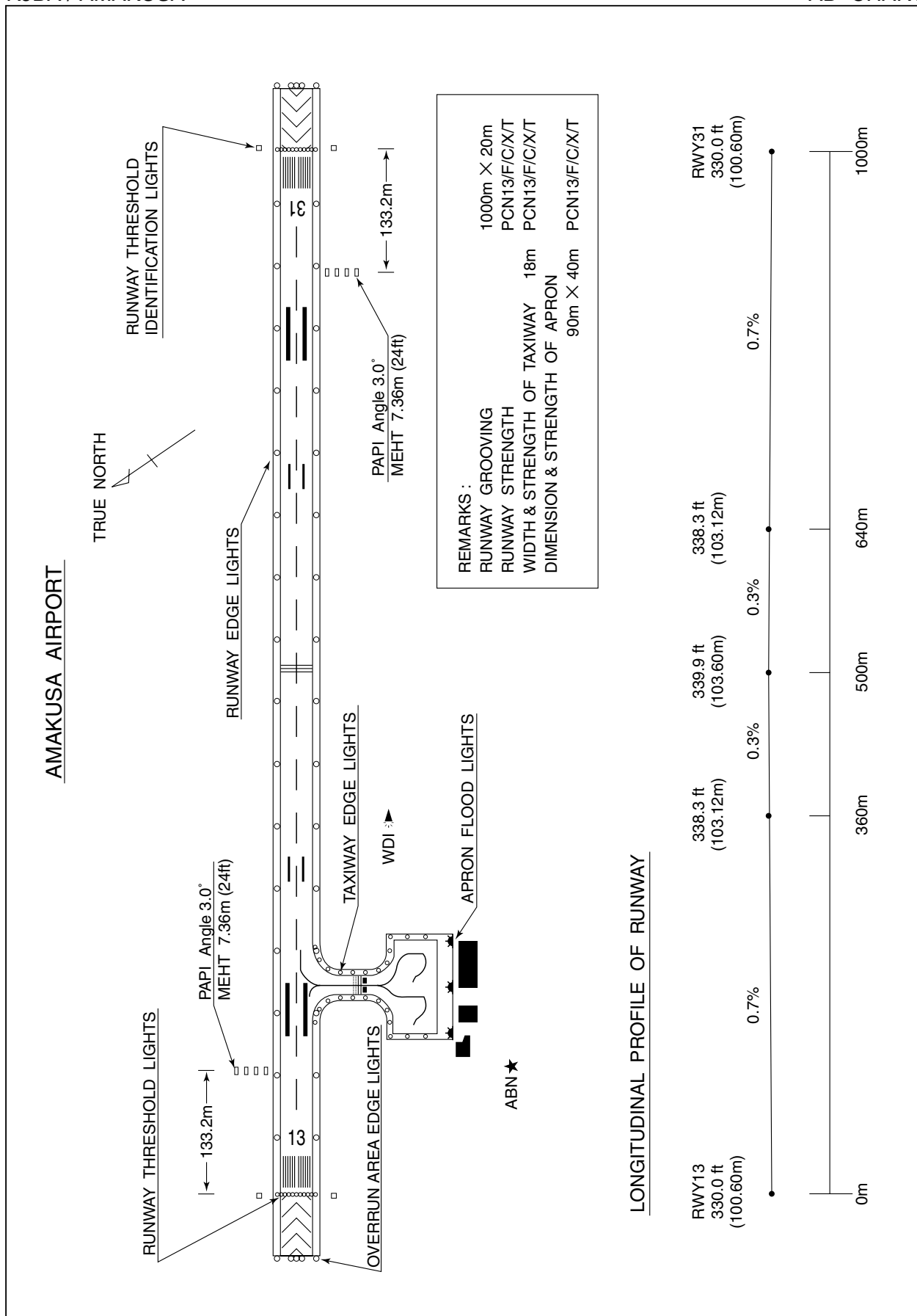


RJDA / AMAKUSA

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°...

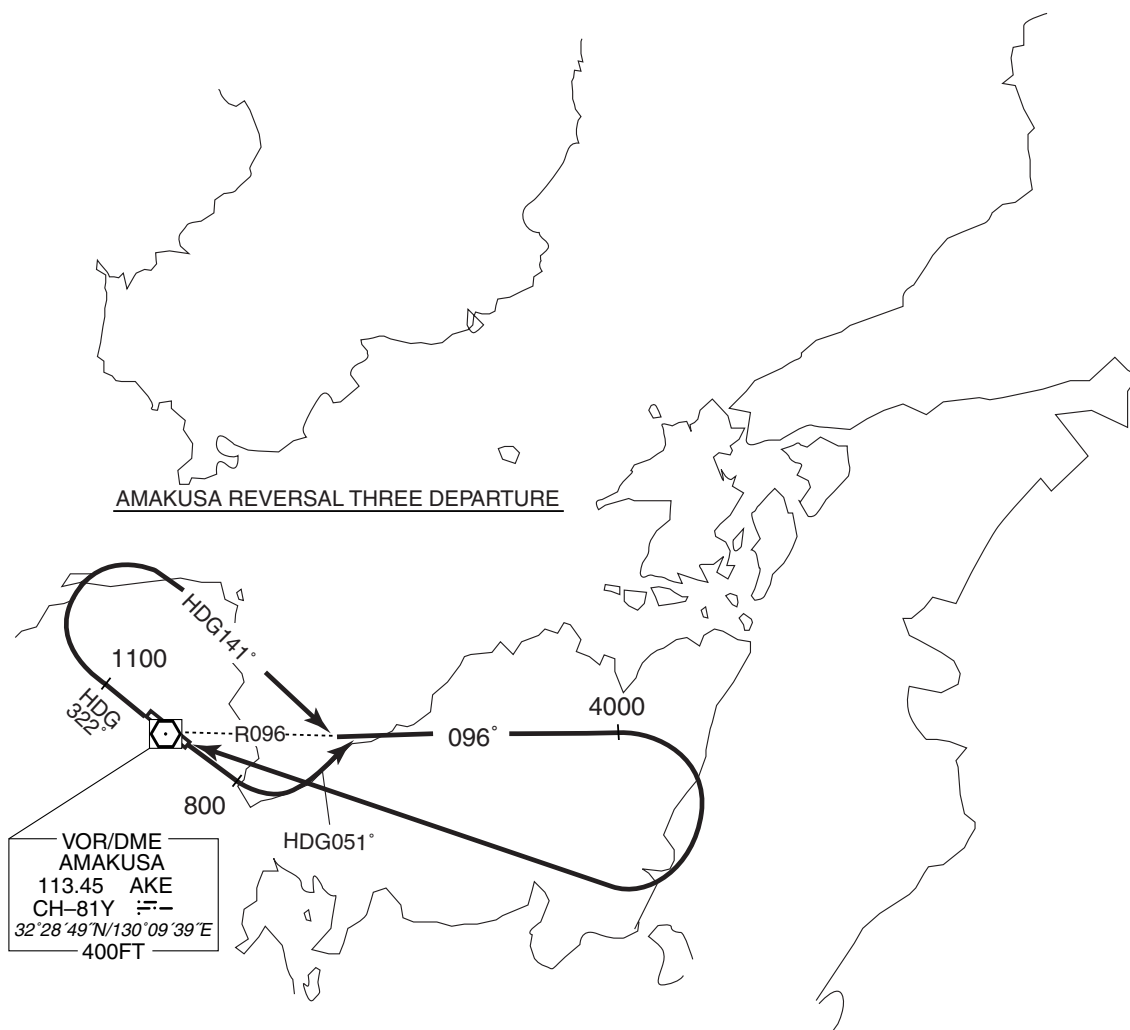
... to intercept and proceed via AKE R096 to 4000FT, turn right, direct to AKE VOR/DME.

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 (124.7) | -7.0 | — | — | +800 | — | — | Basic RNP1 |
| 002 | DF | HABOH | — | — | -7.0 | — | L | 4000 | — | — | Basic RNP1 |
| 003 | TF | FUGEN | — | 065 (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 (304.7) | -7.0 | — | — | +1400 | — | — | Basic RNP1 |
| 002 | DF | HABOH | — | — | -7.0 | — | R | 4000 | — | — | Basic RNP1 |
| 003 | TF | FUGEN | — | 065 (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 (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 (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



RJDA/AMAKUKSA

Visual REP



※AMAKUSA FLIGHT SERVICE : 130.775MHz

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

RJDA / AMAKUSA

LDG CHART



RJDA / AMAKUSA

Minimum Vectoring Altitude CHART

