

## AD 2 AERODROMES

## RORK AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RORK - KITADAITO

## RORK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |   |
|---|--|---|
| 1 | ARP coordinates and site at AD   | 255641N/1311937E<br>025°/750m from RWY 03 THR   |
| 2 | Direction and distance from (city)   |   |
| 3 | Elevation/ Reference temperature   | 70.9ft / 32°C(2004-2008)  |
| 4 | Geoid undulation at AD ELEV<br>PSN   | Nil   |
| 5 | MAG VAR/ Annual change   | 5°W(2014) / 2.1°W   |
| 6 | AD Administration, address,<br>telephone, telefax, telex, AFS,<br>e-mail and/or Web-site addresses | OKINAWA PREF. PUBLIC AP.<br>19-16, Aza-Minami, Kitadaitou-son, Shimajiri-gun, Okinawa Pref.<br>TEL: 09802-3-4016<br>FAX: 09802-3-4217 |
| 7 | Types of traffic permitted(IFR/<br>VFR)  | IFR/VFR   |
| 8 | Remarks  | Nil   |

## RORK AD 2.3 OPERATIONAL HOURS

|    |                           |  |
|----|---------------------------|--|
| 1  | AD Administration         | 2300 - 0900  |
| 2  | Customs and immigration   | On request<br>Customs: 098-862-8529<br>Immigration: 098-832-4185                               |
| 3  | Health and sanitation     | Quarantine(human): On request(098-868-1674)<br>Quarantine(animal, plant): Nil                  |
| 4  | AIS Briefing Office       | Nil  |
| 5  | ATS Reporting Office(ARO) | Nil  |
| 6  | MET Briefing Office       | H24 (NAHA)   |
| 7  | ATS                       | ATS: 2300 - 0900<br>Remarks: Airport Remote Mobile Communication Service provided by Naha FSC. |
| 8  | Fuelling                  | Nil  |
| 9  | Handling                  | Ask AD Administration  |
| 10 | Security                  | Ask AD Administration  |
| 11 | De-icing                  | Nil  |
| 12 | Remarks                   | Nil  |

**RORK AD 2.4 HANDLING SERVICES AND FACILITIES**

|   |   |     |
|---|---|-----|
| 1 | Cargo-handling facilities               | Nil |
| 2 | Fuel/ oil types                         | Nil |
| 3 | Fuelling facilities/ capacity           | Nil |
| 4 | De-icing facilities                     | Nil |
| 5 | Hangar space for visiting aircraft      | Nil |
| 6 | Repair facilities for visiting aircraft | Nil |
| 7 | Remarks                                 | Nil |

**RORK AD 2.5 PASSENGER FACILITIES**

|   |                      |                           |
|---|----------------------|---------------------------|
| 1 | Hotels               | Nil                       |
| 2 | Restaurants          | Nil                       |
| 3 | Transportation       | Nil                       |
| 4 | Medical facilities   | Clinic 3.8km from airport |
| 5 | Bank and Post Office | Nil                       |
| 6 | Tourist Office       | Nil                       |
| 7 | Remarks              | Nil                       |

**RORK AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

|   |   |                                  |
|---|---|----------------------------------|
| 1 | AD category for fire fighting               | CAT 6                            |
| 2 | Rescue equipment                            | Chemical fire fighting truck x 2 |
| 3 | Capability for removal of disabled aircraft | Incapable                        |
| 4 | Remarks                                     | Nil                              |

**RORK AD 2.7 SEASONAL AVAILABILITY-CLEARING**

|   |                             |                |
|---|-----------------------------|----------------|
| 1 | Types of clearing equipment | Not Applicable |
| 2 | Clearance priorities        | Not Applicable |
| 3 | Remarks                     | Nil            |

**RORK AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

|   |                                     |  |
|---|-------------------------------------|--|
| 1 | Apron surface and strength          | Surface : Asphalt-concrete<br>Strength : PCN 19/F/B/Y/T                |
| 2 | Taxiway width, surface and strength | Width : 18M<br>Surface : Asphalt-concrete<br>Strength : PCN 19/F/B/Y/T |
| 3 | ACL and elevation                   | Not Available  |
| 4 | VOR checkpoints                     | Not Available  |
| 5 | INS checkpoints                     | Not Available  |
| 6 | Remarks                             | Nil  |

**RORK AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

|   |  |   |
|---|--|---|
| 1 | Use of aircraft stand ID signs, TWY guide lines and Visual docking/ parking guidance system of aircraft stands | Nil   |
| 2 | RWY and TWY markings and LGT   | RWY:(RWY03/21)<br>(Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe (LGT) REDL, RTHL, RENL<br>TWY:<br>(Marking) TWY CL, TWY side stripe (LGT) TWY edge LGT |
| 3 | Stop bars  | Nil   |
| 4 | Remarks  | (Marking) Overrun area  |

**RORK AD 2.10 AERODROME OBSTACLES**

- In Area2 Nil
- In Area3 To be developed

## RORK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

|    |   |   |
|----|---|---|
| 1  | Associated MET Office   | NAHA  |
| 2  | Hours of service<br>MET Office outside hours                        | H24(NAHA)   |
| 3  | Office responsible for TAF preparation<br>Periods of validity       | Nil   |
| 4  | Trend forecast<br>Interval of issuance                              | Nil   |
| 5  | Briefing/ consultation provided                                     | Briefing is available upon inquiry at NAHA.   |
| 6  | Flight documentation<br>Language(s) used                            | C<br>En   |
| 7  | Charts and other information available for briefing or consultation | S <sub>6</sub> , U <sub>85</sub> , U <sub>7</sub> , U <sub>5</sub> , U <sub>3</sub> , U <sub>25</sub> , U <sub>2</sub> /T <sub>r</sub> , P <sub>S</sub> , P <sub>5</sub> , P <sub>3</sub> , P <sub>25</sub> , P <sub>SWE</sub> , P <sub>SWF</sub> , P <sub>SWG</sub> , P <sub>SWI</sub> , P <sub>SWM</sub> , P <sub>SW</sub> (domestic), E, C, W <sub>E</sub> , W <sub>F</sub> , W <sub>G</sub> , W <sub>I</sub> , W, N |
| 8  | Supplementary equipment available for providing information         | Nil   |
| 9  | ATS units provided with information                                 | REMOTE  |
| 10 | Additional information(limitation of service, etc.)                 | Nil   |

## RORK AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations<br>RWY NR | TRUE BRG     | Dimensions of<br>RWY(M) | Strength(PCN) and<br>surface of RWY | THR coordinates<br>THR geoid undulation  | THR elevation and<br>highest elevation of TDZ<br>of precision APP RWY |
|------------------------|--------------|-------------------------|-------------------------------------|--|---|
| 1                      | 2            | 3                       | 4                                   | 5  | 6   |
| 03                     | To be issued | 1500x45                 | PCN                                 | 255618.86N                               | THR ELEV : 74FT   |
| 21                     | later        | 1500x45                 | 19/F/B/Y/T<br>Asphalt Concrete      | 1311924.69E<br>255702.85N<br>1311947.89E | THR ELEV : 80FT   |
| Slope of RWY           |              | Strip<br>Dimensions(M)  | RESA (Overrun)<br>Dimensions(M)     |  | Remarks   |
| 7                      |              | 10                      | 11                                  |  | 14  |
| See AD2.24. AD chart   |              | 1620x150                | 41 x 152                            |  | RWY grooving:1500mX30m  |
|                        |              | 1620x150                | 41 x 151                            |  |   |

**RORK AD 2.13 DECLARED DISTANCES**

|                | TORA | TODA | ASDA | LDA  |         |
|----------------|------|------|------|------|---------|
| RWY Designator | (m)  | (m)  | (m)  | (m)  | Remarks |
| 1              | 2    | 3    | 4    | 5    | 6       |
| 03             | 1500 | 1500 | 1500 | 1500 | Nil     |
| 21             | 1500 | 1500 | 1500 | 1500 | Nil     |

**RORK AD 2.14 APPROACH AND RUNWAY LIGHTING**

| RWY Designator                                 | APCH LGT type LEN INTST | RTHL Color WBAR | PAPI (VASIS) Angle DIST FM THR MEHT | RTZL LEN | RCLL LEN Spacing Color INTST | REDL LEN Spacing Color INTST             | RENL Color WBAR | STWL LEN Color |
|--|-------------------------|-----------------|-------------------------------------|----------|------------------------------|--|-----------------|----------------|
| 1  | 2                       | 3               | 4                                   | 5        | 6                            | 7  | 8               | 9              |
| 03   | Nil                     | Green           | PAPI 3.0°/LEFT 288.8m 45ft          | Nil      | Nil                          | 1500m 60m Coded color (White/Yellow) LIH | Red             | Nil            |
| 21   | Nil                     | Green           | PAPI 3.0°/LEFT 302.5m 45ft          | Nil      | Nil                          | 1500m 60m Coded color (White/Yellow) LIH | Red             | Nil            |
| Remarks  |                         |                 |                                     |          |                              |  |                 |                |
| 10   |                         |                 |                                     |          |                              |  |                 |                |
| RWY THR ID LGT for RWY 03/21 THR (Color:White) |                         |                 |                                     |          |                              |  |                 |                |

**RORK AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

|   |  |   |
|---|--|---|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 255643N/1311928E , White/Green EV4.3sec, HO      |
| 2 | LDI location and LGT Anemometer location and LGT         | LDI:Nil<br>Anemometer: 580m to MID FM RWY03 THR, LGTD |
| 3 | TWY edge and centerline lighting                         | TWY edge LGT installed, see AD2.9                     |
| 4 | Secondary power supply/ switch-over time                 | ALL LGT/Within 15sec                                  |
| 5 | Remarks  | WDI LGT   |

**RORK AD 2.16 HELICOPTER LANDING AREA**

|     |
|-----|
| Nil |
|-----|

**RORK AD 2.17 ATS AIRSPACE**

| Designation and lateral limits |   | Vertical limits (ft) | Airspace classification | ATS unit call sign Language | Remarks |
|--------------------------------|---|----------------------|-------------------------|-----------------------------|---------|
| 1                              |   | 2                    | 3                       | 4                           | 6       |
| Kitadaito Information Zone     | Area within a radius of 5nm(9km) of ARP excluding the south side of the line between the intersections of swinging arcs 5nm(9km) in radius from Kitadaito ARP and Minamidaito ARP | 3,000 or below       | E                       | Daito Remote En             | Nil     |

**RORK AD 2.18 ATS COMMUNICATION FACILITIES**

| Service designation | Call sign    | Frequency | Hours of operation | Remarks   |
|---------------------|--------------|-----------|--------------------|---|
| 1                   | 2            | 3         | 4                  | 5   |
| A/G                 | Daito Remote | 118.55MHz | 2300 - 0900        | Remote air-ground facilities controlled by Naha FSC |

**RORK AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

| Type of aid | ID | Frequency | Hours of operation | Position of transmitting antenna coordinates | Elevation of DME transmitting antenna | Remarks |
|-------------|----|-----------|--------------------|--|---------------------------------------|---------|
| 1           | 2  | 3         | 4                  | 5  | 6                                     | 7       |
| Nil         |    |           |                    |  |                                       |         |

## RORK AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Nil

2. Taxiing to and from stands

Nil

3. Parking area for small aircraft(General aviation)

Nil

4. Parking area for helicopters

Nil

5. Apron - taxiing during winter conditions

Nil

6. Taxiing - limitations

Nil

7. School and training flights - technical test flights - use of runways

Nil

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

## RORK AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

**RORK AD 2.22 FLIGHT PROCEDURES****TAKE OFF MINIMA**

|   | RWY | ACFT<br>CAT | REDL & RCLL     |          | REDL or RCLL<br>or RCL Marking |             | NIL<br>(DAYTIME ONLY) |             |
|---|-----|-------------|-----------------|----------|--------------------------------|-------------|-----------------------|-------------|
|   |     |             | CEIL-RVR        | CEIL-VIS | CEIL-RVR                       | CEIL-VIS    | CEIL-RVR              | CEIL-VIS    |
| Multi-Engine<br>ACFT with TKOF<br>ALTN AP FILED | 03  | A,B,C       | -               | -        | -                              | 0'- 400m    | -                     | 0'- 500m    |
|   | 21  | A,B,C       | -               | -        | -                              | 200'- 1600m | -                     | 200'- 1600m |
| OTHER   | 03  | A,B,C       | AVBL LDG MINIMA |          |                                |             |                       |             |
|   | 21  | A,B,C       |                 |          |                                |             |                       |             |

**RORK AD 2.23 ADDITIONAL INFORMATION**

|     |
|-----|
| Nil |
|-----|

**RORK AD 2.24 CHARTS RELATED TO AN AERODROME**

Aerodrome/Heliport Chart  
 Standard Departure Chart - Instrument (SOUTH)  
 Standard Departure Chart - Instrument (CORCO NORTH-RNAV)  
 Instrument Approach Chart (VOR Z RWY03)  
 Instrument Approach Chart (VOR Y RWY03)  
 Instrument Approach Chart (RNAV(GNSS) RWY03)  
 Other Chart (Visual REP)  
 Other Chart (MVA Chart)



## AD CHART



STANDARD DEPARTURE CHART -INSTRUMENT

RORK / KITADAITO

SID

SOUTH SIX DEPARTURE

RWY03 : Climb RWY HDG to 500FT, turn right, direct to MDE VOR/DME.

RWY21 : Climb to MDE VOR/DME.

Cross MDE VOR/DME at or above 2400FT.

SOUTH SIX DEPARTURE



VOR/DME  
MINAMIDAITO  
117.8 MDE  
CH-125X  
25°51'16"N/131°15'50"E  
200FT



## STANDARD DEPARTURE CHART -INSTRUMENT

RORK / KITADAITO

RNAV SID

## CORCO NORTH ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 5°W (2015)

## CORCO NORTH ONE DEPARTURE

CORCO  
255226.5N  
1305915.1E  
5000



## CORCO NORTH ONE DEPARTURE

RWY03 : Climb on HDG030° at or above 500FT, turn left direct to CORCO at or above 5000FT.

RWY21 : Climb on HDG210° at or above 500FT, turn right direct to CORCO at or above 5000FT.

NOTE RWY03 : 4.0% climb gradient required up to 500FT due to airspace restrictions only.

## 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              | —                   | —        | 030<br>(025.4) | -4.9               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | CORCO               | —        | —              | -4.9               | —             | L              | +5000         | —            | —              | Basic 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              | —                   | —        | 210<br>(205.4) | -4.9               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | CORCO               | —        | —              | -4.9               | —             | R              | +5000         | —            | —              | Basic RNP1               |

INSTRUMENT APPROACH CHART

RORK / KITADAITO

VOR Z RWY03



## INSTRUMENT APPROACH CHART

RORK / KITADAITO

VOR Y RWY03



| MINIMA |           | THR elev. 74 | AD elev. 71 |      |
|--------|-----------|--------------|-------------|------|
| CAT    |           |              | CIRCLING    |      |
|        | MDA(H)    | CMV          | MDA(H)      | VIS  |
| A      | 480 (409) | 1500         | 560 (489)   | 1600 |
| B      | 480 (409) | 1500         | 560 (489)   | 1600 |
| C      | 490 (419) | 1800         | 630 (559)   | 2400 |
| D      | —         | —            | —           | —    |

INSTRUMENT APPROACH CHART

RORK / KITADAITO

RNAV(GNSS) RWY03



| MINIMA |           | THR elev. 74 |           | AD elev. 71 |                |
|--------|-----------|--------------|-----------|-------------|----------------|
| CAT    | LNAV/VNAV |              | LNAV      |             | CIRCLING       |
|        | DA(H)     | CMV          | MDA(H)    | CMV         | MDA (H) VIS    |
| A      | 440 (366) | 1500         | 440 (369) | 1500        | 560 (489) 1600 |
| B      |           | 1800         |           | 1800        | 630 (559) 2400 |
| C      |           | —            |           | —           | —              |
| D      | —         | —            | —         | —           | —              |

CHANGE : COM

RORK / KITA-DAITO

Visual REP



| Call sign               | BRG / DIST from ARP | Remarks                      |
|-------------------------|---------------------|------------------------------|
| 10NM N                  | 000°/10NM           | 海上<br>Over the sea           |
| 10NM W                  | 270°/10NM           | 海上<br>Over the sea           |
| 南大東島<br>Minamidaitojima | 215°/6.7NM          | 南大東空港<br>Minamidaito Airport |

RORK / KITADAITO

Minimum Vectoring Altitude CHART

